

SIXTH ANNUAL REPORT
OF THE
UNITED STATES EMPLOYEES'
COMPENSATION COMMISSION

JULY 1, 1921, TO JUNE 30, 1922



COMMISSIONERS

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SIXTH ANNUAL REPORT OF THE UNITED STATES EMPLOYEES' COMPENSATION COMMISSION.

WASHINGTON, D. C., October 15, 1922.

To the Senate and House of Representatives:

The United States Employees' Compensation Commission was created by the act of September 7, 1916, providing compensation for civil employees of the United States suffering personal injuries while in the performance of their duties, as the administrative authority charged with the duty of giving effect to the provisions of the act. The organization of the commission dates from March 17, 1917, when two of the commissioners took the oath of office and formally organized, but office quarters were not secured until March 26, 1917, so that it is practically accurate to say that the actual work of the commission did not begin before April 1, 1917.

By express authority of the act (sec. 42) the President, by Executive order of September 15, 1916, transferred the administration of the act so far as the employees of the Panama Canal and Panama Railroad Co. are concerned to the Governor of the Panama Canal, and by a similar order, dated September 29, 1916, transferred the administration so far as the employees of the Alaskan Engineering Commission are concerned to the chairman of the Alaskan Engineering Commission.

To the present date no amendments have been made to the compensation act except that in the act providing appropriations for the expenses of the government of the District of Columbia, effective July 1, 1919, the benefits of the compensation act were granted to all civil employees of the District of Columbia, except policemen and firemen. The reason for the omission of policemen and firemen from the benefits of the act was that there was already a law providing disability and death benefits which was considered in certain respects more liberal than the Federal compensation act. All payments of benefits on account of injuries of District of Columbia employees are payable by the disbursing officer of the District government out of funds appropriated for the special purpose, after awards by the Compensation Commission, which is charged with all duties in connection with claims of District employees except that of making payments.

SUMMARY OF COMPENSATION ACT.

The provisions of the new act, briefly summarized, are as follows:

Date of enactment, September 7, 1916; in effect same date.

Injuries compensated.—Personal injuries sustained while in the performance of duty causing death, or disability for more than three days, if not due to intoxication, willful misconduct, or intention to bring about injury.

Industries covered.—All civilian employments of the United States Government and the Panama Railroad Co.

Persons compensated.—All civil employees of the United States and of the Panama Railroad Co.

Burden of payment.—All borne by the United States Government through a special compensation fund.

Compensation for death.—(a) Burial expenses not exceeding \$100 and transportation of body of residents of the United States dying away from home station, if relatives desire it.

(b) To widow or dependent widower alone, 35 per cent of the monthly wages of the deceased, with 10 per cent additional for each child, the total not to exceed 66⅔ per cent.

(c) If no parent survives, 25 per cent to one child and 10 per cent additional for each additional child, the total not to exceed 66⅔ per cent.

(d) To wholly dependent parents of deceased, 25 per cent if one, 40 per cent if both, are dependent; if partially dependent, a lower percentage according to the degree of dependency; if there is a widow, widower, or child, the parents' rights are subordinate, and the total awards may not exceed 66⅔ per cent.

(e) Other dependent relatives receive benefits in smaller amounts subject to the claims of the foregoing relatives.

Payments to a widow or dependent widower terminate on their death or remarriage; to a child on marriage, reaching the age of 18, or if over 18 and incapable of self-support, on becoming capable of self-support; payments to other beneficiaries are subject to the above limitations, but may in no case continue beyond eight years.

Payments in any case are subject to a maximum of \$66.67 per month, and to a minimum of \$33.33, unless the actual earnings are less than that amount, when the compensation shall equal the earnings.

Compensation for disability.—(a) Reasonable medical, surgical, and hospital services and supplies; such services and supplies to be furnished by United States medical officers and hospitals wherever practicable.

(b) For total disability, 66⅔ per cent of the monthly pay during the continuance of such disability.

(c) For partial disability, 66⅔ per cent of the difference in wage-earning capacity due to such disability.

Payments are subject to the same maximum and minimum amounts as in case of death. Payments on account of death or permanent disability may be commuted to a lump sum, in the discretion of the commission.

Revision of benefits.—Awards may be reviewed by the commission at any time, either on request or by the commission on its own motion.

Security of payments.—Compensation is paid from special compensation fund established by congressional appropriation.

Settlement of disputes.—The United States Employees' Compensation Commission decides all questions arising under the act.

The administration of the act in the Panama Canal Zone is by the Governor of the Panama Canal, and in the work of the Alaskan Engineering Commission by the chairman of that commission. The administration of the act as applied to district government employees is by the Compensation Commission, but payments of benefits

after award by the commission is by the disbursing officer of the district government out of a special appropriation.

Claims must be made within one year or the commission is without discretion to award the benefits of the law.

WORK OF THE COMMISSION.

The recent annual reports of the commission have referred to the difficulties in the administration of the compensation act due to the enormous expansion of the Government service during the period of the war and the rapid contraction which followed a cessation of war activities. These conditions have caused many delays in the submission of reports and claims, and have greatly increased the difficulties and volume of work necessary in securing the information indispensable in the proper adjustment of claims for compensation.

The special difficulty of the past two years in connection with the administration of the act has been in connection with permanent partial disability cases of discharged employees. These cases have arisen chiefly in connection with the reduction of the number of civilian employees in the War and Navy Departments. In the navy yards, especially, many men with permanent partial disabilities of some seriousness were continued in employment after the healing period which followed injury. This was easily possible because of the demand for skilled and unskilled workers by placing the disabled employee at light work, or at some special work of his occupation which he was well able to do. Upon discharge, however, such employees were immediately applicants for work outside of Government service in competition with able-bodied employees. The handicap of a serious disability in most cases proved an obstacle in the way of securing suitable or steady employment and, therefore, under the terms of the law, entitled the employee to claim further compensation of the commission because of the loss of earning capacity. Occasionally, also, further medical or surgical treatment was found to be desirable in order to reduce the degree of partial disability.

For the proper adjustment of claims of this character it has been the practice of the commission to first make use of the good offices of officials in Government establishments. Medical examinations also are, of course, necessary and in case of controversy a medical examination by a referee. In spite of these aids, which have their obvious limitations, investigation is essential in many cases to determine the safe or equitable action upon the merits of the claim. For large numbers of cases located in or near Washington difficulties of investigation are not so great, but for cases at a considerable distance the demands upon the commission for these necessary investigations have been throughout the year past greatly in excess of the powers of the commission's limited force. The result has been

regrettable and probably costly delay in ascertaining the facts upon which proper action could be taken. Inability to make investigations or delay in making investigations which seemed desirable has in some cases led to the payment of compensation which later developments have shown to be based upon erroneous or incomplete information.

With each year of the operation of the compensation law the need of personal investigation of compensation claims becomes more important. This need arises in cases apparently not permanent disabilities in which a disability for work has continued for a long time. It arises in many serious permanent partial disability cases where something more than medical evidence is needed to determine the actual disability for work, which not infrequently is affected by causes entirely distinct from the direct results of the occupational injury. It arises in cases which appear from the medical evidence to be cases of permanent total disability, since even in these cases it has been found occasionally that the actual disability was not as great as had appeared. The need of investigation is also important in nearly every case where there is any reason to believe that a lump-sum settlement should be seriously considered. In death cases, also, personal investigation is not infrequently very important to establish the facts in regard to marriage or dependency before favorable action can safely be taken upon the claim. It is also important in death cases to check claims of continued dependency, or to investigate the question of remarriage of widows who are beneficiaries. The amounts which are likely to be paid as compensation because of lack of sufficient investigation are many times in excess of the possible cost of the making of proper investigations.

With the decrease in the number of Government employees and the approach to normal conditions, the number of injuries reported and claims filed has greatly decreased, until at the present time it would appear that a permanent level has been reached so far as new cases are concerned. Since the protracted disabilities, permanent partial disabilities, permanent total disabilities, and death cases will continue to accumulate for a period of years, the difficulties which now present themselves in regard to investigation and adjustment of cases of these classes are difficulties which will continue so long as the compensation act is in operation. It is of course probable, however, that the increase in these cases from the present time on will be gradual and is not likely to be further greatly affected by discharges of Government employees.

There has been a gradual increase in knowledge of the workmen's compensation act which has facilitated the proper filing of claims with the commission and the results have been somewhat more satisfactory in this respect since the period of the war because those in charge of

reporting accidents have not been shifted so freely and have gradually acquired knowledge necessary for the proper furtherance of this work. It has also helped materially in securing the proper data in protracted cases because those furnishing the original information have been better able to follow up these cases and furnish the desired facts.

The commission has from the beginning attempted to bring to the attention of all employees and official superiors the rights of employees, when injured, under the compensation act, and the procedure to be followed to protect the employee and the Government in the securing of such rights. A pamphlet has been issued and distributed to all Government establishments containing the regulations of the commission and explaining the duties, in case of injury, of the injured employee, the official superior, and the physician authorized to furnish treatment. The commission also has distributed through official superiors leaflets explaining what to do in case of injury to secure the benefits of the compensation law. More than a million of these leaflets have been distributed, and it is believed that one or more has been placed in the hands of every Government employee. Posters have also been distributed to every Government establishment in a further attempt to bring to the attention of every employee the procedure under the compensation act, and to serve as a reminder in case he has forgotten the information brought to his attention in other ways.

Under the retirement act of May 22, 1920, section 5, any injured Government employee, if in the classified civil service and having a record of at least 15 years of such service, and totally disabled, is given a right of election to choose to receive either the benefits of the retirement act or the benefits of the compensation act, whichever he may consider more advantageous in his particular case. A few of the older employees have preferred the benefits of the retirement act to those of the compensation law. Usually, however, in case of serious permanent disability, employees have preferred the benefits of the compensation act, because of the slightly higher rate of money compensation and the fact that it provides for medical and hospital treatment in case of need, which the retirement act does not do.

The number of death awards upon the roll July 1, 1920, was 873; July 1, 1921, was 1,179. For the next 15 months following there had been 255 added to the roll, or an average of 17 per month, making 204 for 12 months or 1,383 July 1, 1922. During the fiscal year 1920-21 there were 26 cases closed and during the fiscal year 1921-22 there were 21 cases closed, making a total of 47 cases closed during the two years. This figure does not refer to the total number of dependents, but has reference merely to the number of cases in which awards were made. For the number of dependents and cessation of

dependency see Tables 17 to 19, inclusive, and the text following in this report.

For the 5½-year period from the beginning of the act there were dependencies numbering over 2,800 established in death cases. This, however, is the result of 2,072 death cases. Out of these 2,800 beneficiaries established there have been over 400 cessations, leaving the net number of beneficiaries about 2,400. Some of them, however, receive a very small amount of compensation, as low as \$1.67 per month, and the maximum amount would be \$35 for any one beneficiary. This does not refer to individual death cases, because the maximum amount in one death case to several beneficiaries might be \$66.67 per month. In addition to these death cases there have been 170 cases rated as permanent total disabilities, upon which compensation is payable for life. To the date of this report there have been 2,598 permanent partial disabilities, which have been closed cases in this and previous reports, but the majority of these are entitled upon a showing of loss of earning capacity to further compensation. This does not take into account, however, perhaps 500 which are still upon the rolls of this commission, some of which may prove to be permanent total disabilities.

By extending this experience on closed cases on the basis of 100,000 injuries we get the following results, based upon 5½ years' experience: Fatals, 2,629; permanent totals, 216; permanent partials, 3,295; total of 6,140 per 100,000 cases, or over 6.1 per cent of all cases result in injuries of this class. The amount of work involved in the payment of claims on account of death, permanent total disabilities, permanent partial disabilities, and a few long-continuing cases of temporary total disability will continue to increase until the cessations due to natural causes offset the number of new awards. This will be better understood when it is noted that the 887 widows to whom awards have been made are of an average age of 38.89 years, and the remarriage rate as shown in Table 19 is 3.72 per cent per year; in other words, less than four awards per 100 per year have expired because of the remarriage of the widow. The awards not terminated by marriage may be expected to run about 25 years on the average.

The average age of 1,343 children to whom awards have been made is about 9 years. This would mean that the average compensation to children to whom awards have already been made would be for about 9 years. Eight-year pensions, as provided under the act for other beneficiaries, of which there are 314 dependent mothers of an average age of 55 years plus, and 154 fathers of an average age of about 59 years, will not begin to drop off by expiration for another two years.

DISBURSEMENTS OF THE COMMISSION, JULY 1, 1917, TO JUNE 30, 1922.

The following statement shows the net amount of money disbursed by this commission for each fiscal year from July 1, 1917, to June 30, 1922, inclusive:

	Fiscal year 1918.	Fiscal year 1919.	Fiscal year 1920.	Fiscal year 1921.	Fiscal year 1922.
Salaries and expenses:					
Salaries (including bonus).....	\$57,812.88	\$92,524.01	\$119,694.92	\$136,714.79	\$138,899.78
Furniture and equipment.....	4,187.57	2,080.96	3,190.72	7,808.49	3,390.11
Books, stationery, and supplies.....	2,111.10	1,042.53	1,656.82	4,815.28	1,634.84
Rent.....	3,112.50	3,475.00			
Printing and binding.....	9,478.95	5,480.66	8,674.49	8,658.75	5,021.99
Travel expenses.....	1,601.37	11,355.90	4,903.91	5,792.15	5,389.05
Miscellaneous.....	741.09	12,783.36	2,081.56	1,985.28	1,717.12
Medical examinations (sec. 21).....	371.00	336.18	475.80	369.50	595.25
Travel expenses (sec. 21).....	5.30	70.68	219.87	483.51	342.45
Total.....	79,421.76	129,149.28	140,898.09	166,627.75	¹ 156,990.60
Employees' compensation fund:					
Injury compensation.....	453,926.88	906,595.09	1,178,419.10	1,129,736.55	1,169,775.84
Lump-sum awards (injury).....			² 109,225.86	201,511.03	415,568.17
Medical treatment and supplies.....	160,307.93	222,158.19	354,472.81	370,227.01	412,712.58
Transportation (sec. 9).....	2,222.81	6,631.74	13,551.12	18,154.28	24,905.55
Death compensation.....	79,159.68	226,619.78	376,014.25	495,999.23	569,360.71
Lump-sum awards (death).....			² 18,771.78	48,907.85	13,679.52
Burial expenses.....	10,541.57	37,043.23	34,382.95	30,052.13	18,550.36
Embalming and transportation (sec. 11).....	99.05	709.10	2,527.71	8,758.61	2,617.35
Total.....	706,257.92	1,399,757.13	2,087,365.58	2,303,346.69	2,627,170.08

¹ Disbursements for salaries and expenses for the fiscal year 1922 include outstanding obligations on Aug. 31, 1922.

² Prior to the fiscal year 1920 lump-sum awards were included in the amounts carried as injury compensation and death compensation.

COMPARISON OF APPROPRIATIONS AND EXPENDITURES IN TOTAL.

	Salaries and expenses.			Compensation fund.		
	Total appropriations.	Net expenditures, including estimated outstanding liabilities at the end of fiscal year.	Percentage of increase in disbursements as compared with first full fiscal year, 1918.	Total appropriations. ¹	Net expenditures.	Percentage of increase in disbursements as compared with first full fiscal year, 1918.
Mar. 26 to June 30, 1917.....	\$50,000.00	\$27,394.79	.....	\$500,000.00	\$122,806.07	.....
Fiscal year, ending June 30—						
1918.....	87,000.00	79,421.86	.....	500,000.00	706,257.92	.....
1919.....	² 138,810.17	129,149.28	62.61	³ 1,250,000.00	1,399,757.13	98.19
1920.....	144,656.02	140,898.09	177.40	2,100,000.00	2,087,365.58	295.55
1921.....	171,940.00	166,627.75	209.80	2,500,000.00	2,303,346.69	326.13
1922.....	160,751.66	156,990.60	202.40	2,400,000.00	2,627,170.08	371.98

¹ All appropriations made for the compensation fund are continuing, and the balances, if any, are carried forward each year.

² In addition to the appropriations made for salaries and expenses by Congress, an allotment of \$7,000 was made from the President's fund for expenses in France.

³ In addition to the appropriations for the compensation fund made by Congress, a net allotment of \$50,000 was made from the President's fund for payment of compensation claims.

It should be explained that the above table does not show the total cost to the Government of the administration of the compensation act. In addition to the expenditure shown here the Govern-

ment furnished medical and hospital treatment by Government physicians and in Government hospitals in a very large number of cases. This includes the services furnished by the Public Health Service and by surgeons of the Navy and War Departments. It is probable that the value of this hospital and medical service furnished by other departments of the Government cost not less than \$1,000,000. In addition to this the commission, because of its occupancy of Government buildings, does not make any expenditure directly for rent, water, heat, light, or for the services of watchmen or charwomen. Such services are borne by other departments of the Government, and the amount saved by the compensation fund has not been estimated. Another item of importance, if one desires to compare costs under the Federal law with costs under a State compensation act, is the cost of postage on the basis of rates paid by private individuals. The service furnished to the Compensation Commission by the Post Office Department under the franking privilege does not include the collection and delivery of mail in the city of Washington.

It may be noted that the relative cost of administration, as distinguished from the payments for compensation and medical and hospital services, has gradually decreased since the first year. Naturally, during the period of organization administrative expenses were relatively high. By comparing the above figures it will be noted that the cost of administration during the first complete fiscal year 1918 was 10.1 per cent of the aggregate expenditures. For the year 1919 the cost was reduced to 8.4, for the year 1920 to 6.3, for the year 1921 was 6.7, and for the year 1922 the cost was still lower, or 5.6 per cent.

The above percentages are based on a comparison of the expenditures of this commission from the compensation fund and for various administrative purposes. If the costs of medical and hospital expenses, which are a charge against the appropriations of other departments of the Government, were included, it will be seen that the costs of administrative expenses would be a much lower percentage, and such an inclusion would be warranted because of the fact that the furnishing of such service entails much work on the part of the commission.

MEDICAL CARE AND TREATMENT FURNISHED TO BENEFICIARIES OF THE COMPENSATION ACT.

Section 9 of the compensation act provides that injured employees of the Government shall be furnished necessary medical and hospital treatment by United States medical officers and United States hospitals. Where United States medical officers or hospitals are not available for the purpose, the commission is to make other provisions for treatment. The Government hospitals and medical officers available to the commission for the treatment of injured employees are chiefly those of the Public Health Service.

The present medical facilities of the Public Health Service available to the commission (October, 1922) for the examination and care of beneficiaries of the act include 24 hospitals, of which 22 are general hospitals, 1 is a hospital for cases of tuberculosis, and 1 for cases of leprosy. These hospitals are distributed throughout the country with the exception of a wide area between the Mississippi River and the Pacific coast, there being only 2 hospitals in the latter region, namely, at San Francisco, Calif., and Port Townsend, Wash. They have a total capacity of 3,211 beds, are for the most part well equipped, and have on their staffs 179 full-time medical officers and 69 consulting specialists, making a total of 248 physicians. The personnel of these hospitals includes a nursing staff of 307 and approximately 1,500 technical and miscellaneous employees. Fifteen of these hospitals maintain well-appointed and adequately equipped out-patient departments or dispensaries. There are 18 additional out-patient offices of this type and 87 relief stations established in various sections of the country.

It will be seen that the Public Health Service facilities have been reduced over two-thirds since the publication of last year's report, owing to the fact that beneficiaries of the commission are not now being treated in the hospitals and relief stations which early in the present year were turned over to the United States Veterans' Bureau, and these are being used exclusively for the beneficiaries of that bureau. In spite of this very serious reduction, the Public Health Service has treated approximately the same number of compensable claimants as in the previous fiscal year.

The Bureau of Medicine and Surgery of the Navy Department has 26 hospitals which are available for the treatment of employees of the Navy and in emergency for the employees of other departments. These hospitals have been of great service to the commission, although their geographical distribution is necessarily limited. Under certain conditions, when other facilities are not available, beneficiaries of the compensation act have, occasionally, been admitted to hospitals of the War Department. These latter facilities, however, have only very exceptionally been placed at the disposal of the commission, as facilities are frequently reported unavailable or impracticable. The extension of the War Department hospital facilities, particularly in the regions of the far West uncovered by the Public Health Service, to beneficiaries of the commission is emphatically urged.

To secure the best possible medical service in cities and towns where there are no medical facilities of the Public Health Service, the commission has designated, in accordance with and to carry out the provisions of section 9 of the compensation act, competent physicians who for the most part have had special training and experience in general surgery. The current number of designated physicians totals 3,323, of whom 157 are ophthalmologists, 44 of whom are

specialists in orthopedic surgery, and 6 of whom are neuropsychiatrists. All of the physicians designated under the act are of well-established reputations locally, and many are men of national and international reputations.

During the fiscal year ending June 30, 1922, the United States Public Health Service treated in hospitals 5,481 injured Government employees entitled to care under the provisions of the compensation act. To these cases there were given 93,727 days of hospital relief.

The number of injured employees treated during this period at dispensaries was 49,244. These received in all 113,800 dispensary treatments. The dispensary treatments consisted in part of examinations, frequently by specialists, including laboratory and X-ray examinations. In many instances the dispensary service consisted of baking and massage of injured parts with the corresponding physiotherapeutic attention.

Both the hospital and the dispensary services included every medical facility which could be advantageously used. The cases were seen by specialists whenever there seemed to be a reason therefor. Eye cases were seen by ophthalmologists. Bone injuries were seen by orthopedic surgeons. Appropriate cases were seen by neurologists and psychiatrists, and skin lesions by dermatologists. Every facility for examination and diagnosis was furnished.

For convalescents there were available physiotherapy departments with complete hydrotherapeutic equipment, also facilities for vocational therapy. Every effort was made to make, in so far as practicable, anatomical and functional restoration of the damage done by injuries.

A conservative estimate of the value of these services would be for hospital cases \$3.50 per day for bed, board, and nursing, and \$3 a day for medical attention; for dispensary treatments, \$2.50 each; and for examinations from \$5 to \$10 each. This is less than the same service would cost outside Government institutions. On this conservative estimate the value of the medical service rendered for the fiscal year of 1921-22 by the United States Public Health Service to the Employees' Compensation Commission would approximate something over \$1,000,000.

THIRD-PARTY LIABILITY FOR INJURY.

Under the provisions of sections 26 and 27 of the compensation act whenever an injury is sustained or death is caused under circumstances creating a liability on some person other than the United States to pay damages therefor, it is provided that the commission may require a beneficiary to either assign his right of action to the United States or prosecute the action in his own name. When a settlement is made or a judgment collected under these provisions of the act, the amount of money expended by the commission for

compensation, including expenditures on account of medical and hospital treatment, is deducted and any surplus is paid to the beneficiary and is credited against future payments of compensation by the commission on account of the same injury.

The following table shows the results obtained in handling third-party cases under this act. This includes all cases in which it has been established that there is an apparent liability of some person other than the United States to pay damages. The table has been divided to show the experience in nonfatal as well as that in fatal cases.

It will be noted that in some of the groups the awards and compensation are not shown for the reason that many of the injured workers are authorized to make settlements with the third party, and the information furnished the commission is sometimes incomplete.

On the whole, the showing is a very creditable one, with approximately \$61,900 benefits involved in the 983 nonfatal cases included in this report. The recovery in the 200 nonfatal cases was \$116,317, or \$54,417 to the credit of the workmen.

Of the total of 34 fatal cases 13 have been completed and recoveries made, amounting to \$83,271. The estimated valuation of these 13 cases amounts to approximately \$75,000.

With 983 nonfatal and 34 fatal cases, making a total of 1,017 third-party cases, there were recoveries in 200 nonfatal and 13 fatal, making a total number of 213 recoveries, amounting to \$199,588.

In addition to the recoveries shown in the following tables there were recoveries made upon 37 cases, amounting to \$51,915, which had been reported in the previous annual report as third-party cases with no recoveries, but were pending at that time. In 18 cases there were recoveries made, but no definite information was given as to the amount. Two claimants accepted the provisions of the retirement act. Adding these amounts to the total would make 1,072 cases and reported recoveries amounting to \$251,503 during the calendar year 1921. By comparing this with the grand total of all recoveries as shown in the annual report covering the calendar year 1920, we find that there is an increase of almost 100 per cent. In addition to the collection resulting from personal injury there were 19 cases from which the amount of \$1,075, was collected for damage to property.

As shown by the above figures, there is an ever-increasing number of third-party cases in course of settlement, which involves a great amount of work in giving proper advice and assistance in making settlement. After consideration it is found impossible and inadvisable to prosecute in many cases and no further action is necessary. On December 31, 1921, there were 481 cases pending, and this number was increased to 535 on August 31, 1922.

COMPENSATION AWARDED AND MEDICAL AND HOSPITAL EXPENSES PAID AND DAMAGES RECOVERED BY EMPLOYEES DURING 1921 IN CASES IN WHICH INJURY WAS DUE TO NEGLIGENCE OF THIRD PARTY.

NONFATAL.

Establishment.	Number of third-party cases.	Days' duration of disability, including leave.	Days' leave.	Benefits paid.			Recoveries.		
				Awards and estimated compensation.	Medical and hospital expenses.	Total.	Number of cases.	Amount recovered.	Wage loss on recovered cases.
Agriculture:									
Animal Industry Bureau.....	11	259	138	\$237.78	\$579.50	\$817.28	2	\$297.00	\$47.80
Forest Service.....	3	60	60		278.80	278.80			
Markets Bureau.....	3	35	35		98.30	98.30			
Plant Industry Bureau.....	11	157		3,644.70		3,644.70	1	501.00	392.50
Total Agriculture.....	18	511	233	3,882.48	956.60	4,839.08	3	798.00	440.30
Commerce:									
Lighthouse Bureau.....	1	1	1		16.00	16.00			
Standards Bureau.....	1	17	17						
Total Commerce.....	2	18	18		16.00	16.00			
Government Printing Office.....	1	104	4	207.11		207.11			
Interior:									
General Land Office.....	1	46	46		56.50	56.50	1	750.00	
Geological Survey.....	1	11	11		30.00	30.00	1	400.00	
Indian Affairs.....	3	12	12		118.75	118.75			
National Park Service.....	1	15	15						
Reclamation Service.....	1				10.00	10.00			
Total Interior.....	7	84	84		215.25	215.25	2	1,150.00	
Labor: Immigration Bureau.....	2	9	9						
Navy:									
Yards—									
Boston.....	1	71	34	75.56		75.56	1	250.00	166.50
Mare Island.....	1	23	1	40.00		40.00			
Norfolk.....	1	5	3						
Philadelphia.....	6	66	6	95.84	48.00	143.84	1	250.00	82.18
Washington, D. C.....	1	28	2	51.11	15.00	66.11	1	400.00	112.32
Total yards.....	10	193	46	262.51	63.00	325.51	3	900.00	361.00

Newport Torpedo Station.....	1	6			9.00	9.00			
Other naval stations.....	1	24		21.11		21.11			
Total other Navy.....	2	30		21.11	9.00	30.11			
Total Navy Department.....	12	223	46	283.62	72.00	355.62	3	900.00	361.00
Post Office:									
City mail service (indoor).....	23	296	192	148.88	1,125.05	1,273.93	3	585.00	164.88
City mail service (outdoor).....	621	11,161	1,274	18,679.66	9,311.19	27,990.85	113	41,479.00	14,581.54
Railway Mail Service.....	184	7,756	2,093	11,564.92	2,185.32	13,750.24	50	40,511.00	14,351.53
Rural Free Delivery.....	16	1,221	73	2,447.20	1,182.59	3,629.79	5	5,125.00	1,414.81
Aerial Service.....	2	18	18						
Total Post Office.....	846	20,452	3,650	32,840.66	13,804.15	46,644.81	171	87,700.00	30,512.76
Treasury:									
Customs.....	14	521	246	524.88	760.70	1,285.58	5	954.00	374.93
Bureau of Engraving and Printing.....	2	12	12						
Internal Revenue.....	9	414	167	531.14		1,347.73	1	8,500.00	1,096.41
Public Health Service.....	5	260	103	301.56	122.50	424.06	1	500.00	441.00
Veterans' Bureau.....	3	77	77		110.34	110.34			
Coast Guard.....	1	298	99	426.69		426.69			
All other.....	3	10	10						
Total Treasury.....	37	1,592	714	1,784.27	1,810.13	3,594.40	7	9,954.00	1,912.34
War:									
Ordnance—									
Edgewood Arsenal.....	3	43		68.89	38.47	107.36			
Picatinny Arsenal.....	1	10	10						
Rock Island Arsenal.....	2	9		11.11	60.00	71.11			
Total arsenals.....		62	10	80.00	98.47	178.47			
Supply depots.....	4	366	23	739.87	746.30	1,486.17	1	3,982.00	1,416.00
Total Ordnance.....	10	428	33	819.87	844.77	1,664.64	1	3,982.00	1,416.00
Engineer.....	9	653	71	1,202.58	90.38	1,292.96	3	7,275.00	1,851.95
Quartermaster Corps—									
Supply depots.....	12	556	111	762.73	294.15	1,056.88	6	1,760.00	534.18
All other.....	8	130	70	32.79	56.75	89.54			
Total Quartermaster Corps.....	20	686	181	795.52	350.90	1,146.42	6	1,760.00	534.18

¹ Lump-sum settlement, \$3,296.70; 30 per cent disability. The wage loss on this case is figured to the time the lump-sum settlement was made.

COMPENSATION AWARDED AND MEDICAL AND HOSPITAL EXPENSES PAID AND DAMAGES RECOVERED BY EMPLOYEES DURING 1921 IN CASES IN WHICH INJURY WAS DUE TO NEGLIGENCE OF THIRD PARTY—Continued.

NONFATAL.

Establishment.	Number of third-party cases.	Days' duration of disability, including leave.	Days' leave.	Benefits paid.			Recoveries.		
				Awards and estimated compensation.	Medical and hospital expenses.	Total.	Number of cases.	Amount recovered.	Wage loss on recovered cases.
War—Continued.									
Other War—									
Aircraft Service.....	2	52	14	\$79. 43	\$90. 00	\$169. 43	1	\$500. 00	\$152. 00
All other War.....	1	15	15	.....	10. 00	10. 00	1	63. 00	.....
Total other War.....	3	67	29	79. 43	100. 00	179. 43	2	563. 00	152. 00
Total War Department.....	42	1,834	314	2,897. 40	1,386. 05	4,283. 45	12	13,580. 00	3,954. 13
Miscellaneous:									
Interstate Commerce Commission.....	1	.....	.....	.....	.....	.....	.....	.....	.....
Justice.....	1	169	31	293. 37	871. 50	1,164. 87	.....	.....	.....
Shipping Board.....	3	124	63	117. 78	361. 00	478. 78	2	2,235. 00	283. 22
Supply and Sales.....	1	51	51	.....	.....	.....	.....	.....	.....
Smithsonian Institution.....	1	24	24	.....	.....	.....	.....	.....	.....
District Government.....	9	90	39	52. 44	48. 50	100. 94	.....	.....	.....
Total miscellaneous.....	16	458	208	463. 59	1,281. 00	1,744. 59	2	2,235. 00	283. 22
Grand total.....	983	25,285	5,280	42,359. 13	19,541. 18	61,900. 31	200	116,317. 00	37,463. 75

COMPENSATION AWARDED AND MEDICAL AND HOSPITAL EXPENSES PAID AND DAMAGES RECOVERED BY EMPLOYEES DURING 1921 IN CASES IN WHICH INJURY WAS DUE TO NEGLIGENCE OF THIRD PARTY.—Continued.

FATAL AND PERMANENT TOTAL DISABILITY.

Establishment.	Number of third-party cases.	Monthly pension.	Awards for burial.	Awards. medical, embalming, transportation.	Awards for compensation before death.	Estimated valuation.	Total cost.	Cases on which recoveries were made.		
								Number of cases.	Amount of recoveries.	Estimated valuation.
Agriculture: States Relations Service.....	1	\$45.00	\$100.00	.....	.....	\$9,082.00	\$9,182.00	.....	.....	.....
Interior: Indian Affairs.....	1	36.11	64.00	.....	.....	7,198.00	7,262.00	.....	.....	.....
Labor: Immigration Bureau.....	1	65.00	100.00	.....	.....	8,914.00	9,014.00	.....	.....	.....
Post Office:										
City Mail Service (indoor).....	2	25.00	200.00	.....	.....	1,922.00	2,122.00	1	\$2,750.00	\$1,922.00
City Mail Service (outdoor).....	5	170.00	500.00	\$138.00	\$351.13	23,728.00	24,717.13	3	10,500.00	13,400.00
Railway Mail Service ¹	5	236.67	300.00	583.80	.....	40,597.00	41,480.80	4	31,750.00	34,444.00
Rural Free Delivery.....	2	97.00	171.05	604.50	104.45	11,821.00	12,701.00	1	5,500.00	5,002.00
Total Post Office.....	14	528.67	1,171.05	1,326.30	455.58	78,068.00	81,020.93	9	50,500.00	54,768.00
Treasury:										
Internal Revenue.....	9	468.34	880.00	525.19	.....	76,774.00	78,179.19	1	19,000.00	8,662.00
Veterans' Bureau.....	1	6.00	100.00	.....	.....	437.00	537.00	.....	.....	.....
Total Treasury.....	10	474.34	980.00	525.19	.....	77,211.00	78,716.19	1	19,000.00	8,662.00
War:										
Quartermaster Corps—										
Army Transport Service.....	1	65.00	.....	.....	.....	8,720.00	8,720.00	.....	.....	.....
Supply depots.....	2	16.67	197.00	39.52	111.12	1,282.00	1,629.64	1	3,500.00	1,282.00
Total Quartermaster Corps.....	3	81.67	197.00	39.52	111.12	10,002.00	10,349.64	1	3,500.00	1,282.00
Aircraft Service.....	1	66.67	100.00	.....	.....	8,807.00	8,907.00	1	6,000.00	8,807.00
Total War Department.....	4	148.34	297.00	39.52	111.12	18,809.00	19,256.64	2	9,500.00	10,089.00
Miscellaneous:										
Shipping Board ²	2	24.00	100.00	.....	.....	1,900.00	2,000.00	1	4,271.00	1,564.00
District government.....	1	35.00	100.00	.....	.....	6,177.00	6,277.00	.....	.....	.....
Total miscellaneous.....	3	59.00	200.00	.....	.....	8,077.00	8,277.00	1	4,271.00	1,564.00
Grand total.....	34	1,356.46	2,912.05	1,891.01	566.70	207,359.00	212,728.76	13	83,271.00	75,083.00

¹ One case was listed as a permanent total in third annual report.

²One lump-sum case, \$259.84.

INTERPRETATION OF THE ACT.

INJURIES AS DISTINGUISHED FROM ACCIDENTS.

The commission early took the view that the term "personal injuries" used in the act covers not only accidents as ordinarily defined but also any bodily injury or disease due to the performance of duties and causing incapacity for work. In this respect the commission was following the precedents established by the Department of Labor in its interpretation of the act of 1908, the Massachusetts Industrial Accident Board, and the Massachusetts Supreme Court in their interpretation of the term "personal injury" in the Massachusetts compensation act, and the State of California, which by an amendment to its compensation act effective August 8, 1915, had deliberately enlarged the scope of its act by substituting throughout the word "injury" in place of the word "accident." More recently Connecticut, Hawaii, North Dakota, and Wisconsin have amended their compensation acts to cover personal injuries in substantially the above sense.

In accordance with this principle the commission has awarded compensation for a variety of occupational poisonings and diseases which probably would not have been subject to compensation under a simple accident compensation act. Injuries in this class in which awards have been made include numerous cases of lead poisoning, tetryl poisoning, T. N. T. poisoning, dermatitis due to acids, benzine and gasoline, carbolineum, cement, copper, fulminate of mercury, machine oils, paints containing coal-tar products, potash, soda, tetryl, T. N. T., and ivy and weed poisoning, brass chills due to fumes from molten brass, bursitis of elbow due to work where the injured employee (a chipper and calker) was compelled to work for a long period with his elbow resting upon a steel surface, eye strain, anthrax, typhus, typhoid due to water furnished at the place of work, Rocky Mountain fever, deer fly fever, pneumoconiosis due to the prolonged inhalation of metal dust, rheumatism resulting from work for a long period in a room where the injured employee was compelled to stand upon a dirt floor "damp from oiling and daily sprinkling," pneumonia due to exposure and exhaustion where the employee worked for a period of 26 hours, during most of the time in a temperature near zero, and influenza and tuberculosis of the lungs contracted by nurses employed in caring for influenza and tuberculous patients.

On the other hand, the commission has refused to allow compensation in many cases of a somewhat similar character, where the evidence did not show a causal connection with a reasonable degree of clearness between the work of the employee and the injury which was alleged to have caused disability. Such cases disallowed by the commission include, among others, dermatitis of a postal clerk alleged

to be due to the handling of heavily inked papers; bronchitis, conjunctivitis, and paralysis of postal clerks alleged to be due to infections contracted in the handling of dirty money; chorea affecting the arms, shoulders, and neck of a letter carrier, alleged to be due to overwork; bronchitis and rheumatism of a painter, alleged to be due to gas and sulphur fumes and heat from forges; hernia and appendicitis, alleged to be due to the jarring of the wagon or truck in riding over unusually rough roads; numerous colds and cases of pneumonia, alleged to be due to drafts and exposure; and of tuberculosis, alleged to be due to exposure and other conditions of labor.

In discussions of the reasonable scope of a workmen's compensation act, opposition to the inclusion of occupational diseases which are not accidental has often been made on the ground that such an inclusion would be likely to increase greatly the cost of compensation and prove unreasonably burdensome for employers. It is the belief of the commission, on the experience thus far under the Federal compensation act, that the additional cases entitled to compensation due to the construction of the word "injuries" as including occupational diseases, as well as occupational accidents, will not call for an expenditure of more than 3 or 4 per cent of the cost of compensation. The difficulties involved in the adjudication of occupational disease cases, moreover, are not greater than those involved in the settlement of a number of other difficult questions which arise.

Many claims are made on account of disability alleged to be due to an occupational accident or disease, where an examination of the medical evidence discloses no evidence of any relation between the disability and any occupational condition. Often a serious condition of disease is noticed following some minor injury, and the claimant assumes that the disease is the direct result of an occupational injury, and claim for compensation is made. It is not sufficiently realized that when compensation is claimed for a disability, the evidence must show at least a reasonable probability that the disability is due to some definite injury or to some well-defined adverse occupational influence. It is not sufficient to show that the disability is merely a possible result of the injury alleged. A just determination in many of these cases is a matter of great difficulty, and the commission must depend very largely on the character of the medical evidence furnished, and the medical advice which it is able to command.

PREEXISTING PHYSICAL DEFECTS AGGRAVATED BY INJURY.

There is no class of claims coming before a compensation commission which presents more difficulties than those complicated by the question of preexisting disease or physical defect. After an experience with a variety of such cases, and a study of the practice of

various State compensation commissions, the following rule was adopted by the commission to serve as a guide in passing upon claims where the question of a preexisting physical defect was involved.

RULE AS TO AWARD IN CASES OF AGGRAVATION OF PREEXISTING PHYSICAL DEFECTS.

[The following rule is intended to serve as a guide and can not be considered as binding in all cases of preexisting physical defects.]

A disability for work resulting from the material aggravation of a previously existing defective physical condition is compensable when the aggravation is clearly due to a personal injury sustained while in the performance of the claimant's duty. However, compensation shall be paid only for the period of disability due to the injury.

If the results of the injury do not cause disability for work, but require medical, surgical, or hospital services or supplies not previously required, the injured employee shall be entitled to reasonable medical, surgical, or hospital services or supplies made necessary as a result of the injury. He shall also be entitled to compensation during any period of disability resulting from such medical or surgical treatment.

But, in any case, the evidence must show with reasonable clearness that the alleged aggravation was the direct result of a definite injury sustained while in the performance of duty, and that it was not merely the acceleration or culmination of a preexisting progressive physical defect which was accelerated or aggravated to only a slight degree by the injury.

Cases which have been passed upon by the commission where this rule was applicable have included, among others, cases complicated by preexisting tuberculosis,¹ heart disease,² hemorrhoids, hernia, appendicitis, varicose veins, diabetes,³ nephritis,⁴ syphilis,⁵ and old age.

INJURIES WHILE IN THE PERFORMANCE OF DUTY.

The Federal compensation act, in requiring that personal injuries to an employee in order to be compensable must be sustained while in the performance of his duty, uses terms of definition slightly different from those found in any other American or foreign compensation act. Most American acts define the accidents entitled to compensation as those "arising out of and in the course of the employment," although several States limit the accidents covered to those occurring in the course of the employment, omitting the words "arising out of." The commission, therefore, found no precedent directly applicable to guide it in its interpretation of the words "while in the performance of his duty."

The construction of this provision of the act may be illustrated by several cases from those already passed upon by the commission:

An employee of the New York Navy Yard was held to be in the performance of his duty when he slipped on ice in the navy-yard

¹ See Third Annual Report, pp. 163, 164.

² See Third Annual Report, pp. 158, 159.

³ See Third Annual Report, pp. 157, 158.

⁴ See Third Annual Report, p. 161.

⁵ See Third Annual Report, pp. 127, 162, 163.

inclosure while on his way to leave the yard after his day's work (2, p. 260).⁶

The same rule was the basis of an award of compensation to an employee who slipped and fell on the ice while on the street in the Philadelphia Navy Yard outside of the building where he had been at work (2, p. 261).

Compensation was awarded to an employee of the Rock Island Arsenal, who was thrown from his bicycle when it slipped on the ice within the arsenal grounds, as he was riding home from work (2, p. 262).

On the other hand, compensation was denied on the ground that the injury was not sustained while in the performance of duty to an employee of the Engineer Department at St. Louis who was injured when visiting at his place of work while waiting for his pay, the pay office not being near the place of injury and the employee having no duty at that point (2, p. 246).

Compensation was denied, on the ground that the injury was not sustained while in the performance of duty, to a watchman employed at the Government Printing Office who was injured when he fell on the ice on the public sidewalk adjacent to the Government Printing Office, as he was on his way to report for duty some 15 to 30 minutes before his work was to begin (2, p. 266).

In general, compensation has been denied in most cases where the injury was sustained while the employee was going to or from his work (2, pp. 264, 265). However, compensation was awarded to a laborer who was injured by the derailling of a locomotive on which he was riding to dinner during the noon hour, with the permission of his official superior, in order to save time (2, p. 273). So also compensation was paid to an employee who was on his way from his home to his place of work, having been summoned by his official superior (2, p. 252).

Payment of compensation for injuries during a rest or lunch period has usually been denied. Thus an employee who was injured while playing ball on the premises during a rest period was denied compensation (2, p. 247), as was also an employee injured while eating lunch on the premises when sitting under box cars which stood upon the railroad track (2, p. 248).

Compensation for employees injured at the place of work has been awarded in a number of special cases where the employee was living on Government premises. Thus an employee injured while going to lunch on the boat where he lived (2, p. 258), an employee injured on the way from the mess hall to work, and an employee on the way from the dormitory to the mess hall (2, p. 255)

⁶ See also Second Annual Report, pp. 242, 258.

were awarded compensation because injured while in the performance of duty. Awards for this same reason were also made to a dredge hand injured while getting out of his bunk on the Government premises where he lived (2, p. 256), and also to a marine fireman who was injured when, as a result of a dream that he was about to be attacked by one of the crew with whom he had previously had trouble, jumped out of his bed, which was in the second tier of bunks on a dredge (2, p. 255).

The application of the rule in regard to performance of duty has led to some interesting variations in the case of field employees injured. Thus an employee of the Forest Service, who was injured while bathing where his duty required him to camp out for the night (2, p. 274), was held to be injured in the performance of duty, as well as an employee camping out who suffered a severe attack of ptomaine poisoning as the result of eating poisoned canned beans furnished as subsistence by the National Park Service (2, p. 275; 3, p. 178).

Injuries compensated as sustained in the performance of duty have also been awarded for drowning while attempting to save the life of a fellow employee (2, p. 277) and for stopping a runaway horse on the public streets (2, p. 276). Injuries sustained while at the place of work, and engaged in work, which were due to sickness or faintness have received awards in a number of cases. Thus a rural letter carrier whose horse ran away when he had an attack of epilepsy, or a fainting spell, was awarded compensation (2, p. 249), as was also a railway postal clerk who fell from the door of a mail car, due to faintness (2, p. 249), also an employee of the Interior Department who, due to faintness, fell over a balustrade in the Interior Department Building, it being ascertained on investigation that the balustrade was so low that it did not conform to generally accepted safety standards (2, p. 248).

SIMPLE NEGLIGENCE NOT WILLFUL MISCONDUCT.

That simple contributory negligence on the part of an injured employee is not such willful misconduct as under the terms of the act bars a claim for compensation was the decision of the commission in the case of a chauffeur at the Chicago post office, who, while waiting for an assignment on a bench provided for the purpose, dozed or fell asleep and was injured when a wheel of a passing truck ran over his left foot at the instep. The commission concluded that the injured employee, "while chargeable with some negligence," was not guilty of willful misconduct, and that he is therefore entitled to compensation on account of his injury."

Compensation has also been denied in cases where the injury was due to willful misconduct (fighting), intoxication, and intention to injure himself (suicide). No cases, however, have arisen under these heads where the circumstances left any doubt as to the proper decision.

EMPLOYEE OR OFFICER.

Under the Federal compensation act compensation is payable only to civil employees of the Government. Under this limitation it has been held that an officer of the Government when injured was not entitled to compensation. In claims that have arisen it has been held that a commissioned officer of the Public Health Service and an assistant district attorney were officers and not employees in the sense entitling them to compensation under the compensation act. On the other hand, it has been held that a deputy collector of internal revenue, a post-office inspector, a veterinary inspector, and a superintendent of an Indian school were employees within the meaning of the compensation act.

NOTICE AND CLAIM WITHIN ONE YEAR.

The compensation law requires, in order that the benefits of the act may be allowed, that the notice of the fact of injury must be given to the official superior, or he must have actual knowledge of the injury, within one year. Another requirement which is also mandatory upon the commission is that the original claim for compensation must be made within one year. Unless such requirement is complied with by the making of a claim in some formal or informal way, it is the evident intention that the claim shall be barred. The commission has been disposed to construe this requirement as liberally as possible, and to accept an informal claim as complying with the law. If, however, no claim in any form has been submitted to the commission, or to any Government official who may be considered as a representative of the commission, the commission has found itself unable to grant relief. It should be stated that in a considerable number of cases, wholly meritorious in the fact that the disability was due to an injury in Government employment, claim has had to be disallowed under this requirement of law. In most of these cases the explanation of the failure to make claim is found in the employee's entire ignorance of the existence of the compensation act, and in most of these cases the official superior, who should have been informed in regard to the matter, was equally ignorant and could not, therefore, call the employee's attention to his rights. Most of these cases have arisen out of war conditions, many of the injuries being due to the hazards of military operations and some of

them have been meritorious in the same sense as those of enlisted men in the Army and Navy. In view, however, of the express time limitation of the compensation act it is not possible to grant relief in these cases.

WAIVER OF RIGHT TO COMPENSATION OF NO EFFECT.

In a few cases officials in Government establishments have secured from injured employees waivers of right to compensation, apparently under the impression that such a waiver would serve as a bar to any later claim to compensation. Usually such waivers have been taken when the official was of the opinion that the cause of the injury was the employee's own negligence or the infraction of some rule. The commission has uniformly held that such waivers are of no effect and entirely inconsistent with the purposes of the compensation act (2, p. 241). Whenever any so-called negligence or violation of rules is of such extreme character that it may be properly construed as willful misconduct, claim for compensation will necessarily fail, but the commission has consistently held that no bureau or establishment official is authorized under the law to pass upon any claim for compensation, but that any employee who believes himself to be entitled to claim compensation on account of an injury must be permitted to submit his claim to the commission for its decision.

REFUSAL OF MEDICAL EXAMINATION OR SURGICAL OPERATION.

The compensation act provides (sec. 21) that an employee claiming compensation must submit to medical examination upon the request of the commission, and in case of refusal that compensation shall be suspended until such refusal ceases. Under this provision of the law, compensation has been suspended or terminated in a number of cases. The action is justified, because without such examination the commission can not protect itself against erroneous or fraudulent claims.

In a few cases also the question has arisen whether compensation shall be paid in case an injured employee declines to submit to a surgical operation which gives promise of terminating or greatly relieving the disability which otherwise might be permanent or of long duration. In these cases the commission has held that if the operation was without serious danger in the opinion of experienced surgeons, and gave promise of terminating or greatly reducing the disability, a refusal to accept surgical treatment was sufficient ground for suspending or terminating compensation. In these cases, however, the disabled employee has been permitted to withdraw his refusal and accept the operation within a reasonable time and thereby revive his right to compensation. Refusal of operation has not been

considered ground for suspension of compensation if the operation is attended with serious danger or is of doubtful benefit.

STATISTICS OF THE OPERATION OF THE ACT.

Under the United States employees' compensation act, the law and the regulations require that notice of injury shall be given by the injured employee to his official superior within 48 hours of his injury, and that the employee shall be furnished medical treatment. The official superior, on his part, is required to report the injury to the commission if it results in any loss of time other than on the date of injury, or if there is any medical or hospital expense which will be a charge against the compensation commission. Under this rule injuries which received treatment by an establishment physician or which are sent for treatment to a United States medical officer or hospital are not reported if no time is lost except on the day of injury. The injured employee under the terms of the law must submit a claim within one year or his claim must be disallowed.

This failure to report injuries promptly greatly increases the difficulty of establishing claims, and thus delays the payment of compensation when the unexpected happens, and the employee suffers a long period of disability, or when perhaps a permanent disability results from the injury, which at first seemed trivial. Trouble also arises in certain cases when the employee, unmindful of the provisions of the compensation act and of the medical and hospital service available without expense under it, goes to his own physician and incurs expenses for services which he would have had free if he had followed the instructions which had been published or posted in every Government establishment. Cases of this kind also are those in which long-continued disability or permanent disability most often occurs because of delayed or inadequate medical treatment. Misunderstandings and difficulties also arise in connection with personal injuries of a nonaccidental nature where the official superior, being unfamiliar with the scope of the law and understanding that it applies to accidental injuries only, incorrectly advises the employee entitled to the benefits of the act. Cases of this nature, while few in number, have given rise to all kinds of misunderstandings.

The series of statistical tables which follows relates to injuries and claims occurring on or after September 7, 1916, upon which final action closing the case had been taken by the commission during the calendar year ending December 31, 1921.

The injuries resulting in temporary disability for work are those in which a termination of disability had occurred and final action in payment of compensation had been taken prior to December 31, 1921.

The cases classed as permanent partial disability are those which resulted in dismemberments or some permanent impairment of the use of a member in which the disability for work had terminated and the employee had returned to work at the same rate of wages as at the time of injury or at a higher rate prior to December 31, 1921. While in each of the cases of this class there is a definite permanent disability, the Federal compensation act provides for payment of compensation only in case of loss of earnings. These cases are therefore considered as closed unless and until the employee shall be able to show to the commission that an existing disability has resulted in a further loss of wages as compared with his wage at the time of injury. It is certain that some of these cases tabulated in this report as closed permanent partial disability cases will again come before the commission with well-supported claims for further compensation. The commission, however, is without any knowledge upon which it could estimate how numerous these cases will be or what further compensation will be payable.

The cases which have been designated as permanent total disability in this report are those cases where because of the condition of the injured employee it is reasonably certain that he will never be able to return to any kind of work. The Federal compensation act does not provide for a formal rating of any case as a permanent total disability as do many of the State compensation laws, but conditions are such in some cases that the future can be forecast with practically no possibility of error. As a matter of fact the commission probably might with a reasonable degree of safety class others of its continuing cases as permanent total disabilities.

The cases tabulated as deaths in this report are, except in case of Table 1, which relates to injuries, only those cases in which an award or final action had been made by the commission prior to January 1, 1922.

Tables 17 to 19, inclusive, which have to do with the cessations, have been tabulated to September 6, 1922, in order to give a complete experience of cessations.

The Federal compensation act covers personal injuries sustained by the employee while in the performance of duty. The commission has construed this to include occupational diseases and other nonaccidental injuries which are shown to be clearly due to the conditions of employment.

INJURIES REPORTED AND CLAIMS FILED.

The Government establishments with a few exceptions do not have the very important benefit which so many private establishments have, because of the employment of safety engineers and the enforcement of safety laws and regulations. Government establish-

ments, it should be noted, are not subject to the safety laws which are applicable to practically all States having workmen's compensation laws and which are a most important influence in the education of both employees and employers in the value of safety measures. The human and the money costs of accidents are not brought home to the Government official as matters for which he is held responsible. A great corporation employer will spend thousands of dollars for accident prevention, convinced of the saving that it is thereby effecting, but the Government has not come to consider such expenditures justified economies. Even the newest buildings erected by the Government (not those erected where war stress is an excuse) lack some of the obvious safety standards fixed by experience and required by law in buildings of private ownership.

Table 1 shows that a permanent level has about been reached. The number of reports and claims, however, is not indicative as a measure of the work of the commission. The numerous discharges from Government service establishments, those from navy yards and arsenals, have given rise to claims for further compensation in many cases of permanent partial disability. These employees are cases of men who have suffered an injury resulting in a permanent disability of a more or less serious character. After the period of total disability, for which compensation has already been paid, the employee has returned to work at his former place of employment, usually at light work, or selected work of his occupation such as could be done in spite of a permanent partial disability. Immediately upon release from employment in the Government establishment, the employee finds that he is handicapped in securing employment because unable to do some of the work of his usual trade. These cases, in spite of the attempt to have the closest cooperation between the officials of the employing establishment and the Compensation Commission, require oftentimes much correspondence and personal investigation for equitable adjustment. What is here described is of course what occurs normally with increasing age of the compensation act, but the proportion of such cases has been enormously increased because of the sweeping reductions in employees which have taken place in Government establishments. The present industrial depression has also made much more difficult the securing of private employment for permanently injured men and has rendered the work of adjustment of compensation more than usually difficult.

30 UNITED STATES EMPLOYEES' COMPENSATION COMMISSION.

TABLE 1.—REPORTS OF INJURIES AND CLAIMS RECEIVED, SEPTEMBER 7, 1916, TO SEPTEMBER 30, 1922.

Period covered.	Injuries reported.	Per cent increase over previous year.	Claims received.			
			Disability.	Death.	Total.	Per cent increase over previous year.
Sept. 7, 1916, to Mar. 31, 1917.....	5,301		1,575	15	1,590	
April.....	706		291	18	309	
May.....	792		365	9	374	
June.....	1,033		456	9	465	
July.....	1,081		471	28	499	
August.....	1,381		526	49	575	
September.....	1,416		602	20	622	
October.....	1,627		776	31	807	
November.....	1,330		674	32	706	
December.....	1,409		693	16	709	
Total year ending Dec. 31, 1917.....	16,076		6,429	227	6,656	
January.....	1,628		859	18	877	
February.....	1,528		825	34	859	
March.....	1,911		1,028	22	1,050	
April.....	2,151	204.7	962	16	978	216.5
May.....	2,026	155.8	1,042	29	1,071	186.4
June.....	2,114	104.6	887	25	912	96.1
July.....	2,048	89.5	966	34	1,000	100.4
August.....	2,505	81.4	1,085	26	1,111	93.2
September.....	1,872	32.2	963	36	999	60.6
October.....	2,167	33.2	1,168	46	1,214	50.4
November.....	2,236	68.1	1,185	54	1,279	81.2
December.....	1,932	37.1	1,213	58	1,271	79.3
Total year ending Dec. 31, 1918.....	24,118	50.0	12,183	438	12,621	89.6
January.....	2,003	23.0	1,129	30	1,159	32.2
February.....	2,121	38.8	1,186	57	1,243	44.7
March.....	2,064	8.0	1,300	50	1,350	28.6
April.....	2,080	² 3.3	1,046	32	1,078	10.2
May.....	2,505	23.6	1,215	41	1,256	17.3
June.....	2,203	4.2	1,110	38	1,148	25.9
July.....	1,944	² 5.1	1,165	46	1,211	21.1
August.....	2,148	² 14.2	974	52	1,026	² 7.7
September.....	2,124	13.5	1,053	43	1,096	9.7
October.....	2,385	10.1	1,096	41	1,137	² 6.4
November.....	2,156	² 3.6	1,124	40	1,164	² 9.0
December.....	2,080	7.7	1,027	29	1,056	² 16.9
Total year ending Dec. 31, 1919.....	25,813	7.0	13,425	499	13,924	10.3
January.....	2,176	8.6	1,148	50	1,198	3.4
February.....	1,806	² 14.9	1,045	28	1,073	² 13.7
March.....	2,059	² 2.4	1,250	41	1,291	² 4.4
April.....	1,777	² 14.6	1,013	27	1,040	² 3.5
May.....	1,688	² 32.6	857	40	897	² 28.6
June.....	1,732	² 21.4	880	25	905	² 21.2
July.....	1,525	² 21.6	881	42	923	² 23.8
August.....	1,473	² 31.4	678	42	720	² 29.8
September.....	1,327	² 37.5	687	31	718	² 34.5
October.....	1,550	² 35.0	695	37	732	² 35.6
November.....	1,498	² 30.5	682	31	713	² 38.7
December.....	1,469	² 29.4	689	33	722	² 31.6
Total year ending Dec. 31, 1920.....	20,080	² 22.2	10,505	427	10,932	² 21.5
January.....	1,629	² 25.1	705	40	745	² 37.8
February.....	1,440	² 20.3	692	29	721	² 32.8
March.....	1,669	² 39.4	742	40	782	² 18.9
April.....	1,552	² 12.7	706	13	719	² 30.9
May.....	1,701	² 8	763	23	786	² 12.3
June.....	1,592	² 8.0	666	35	701	² 22.5
July.....	1,502	² 1.5	655	25	680	² 26.3
August.....	1,631	10.7	637	18	655	² 9.0
September.....	1,422	7.2	546	25	571	² 20.5

¹ In the number of deaths for the month of November, 1918, 30 cases have been included, which is a conservative estimate of the number of unidentified dead buried after the explosion at the plant of T. A. Gillespie Loading Co., Morgan, N. J. Burial expenses were paid in these cases, but no claims for compensation were made.

² Decrease.

TABLE 1.—REPORTS OF INJURIES AND CLAIMS RECEIVED, SEPTEMBER 7, 1916, TO SEPTEMBER 30, 1922—Continued.

Period covered.	Injuries reported.	Per cent increase over previous year.	Claims received.			
			Disability.	Death.	Total.	Per cent increase over previous year.
October.....	1,569	1.2	614	18	632	2 13.7
November.....	1,811	2 16.4	540	23	563	2 21.0
December.....	1,372	2 6.6	591	21	612	2 15.2
Total year ending Dec. 31, 1921.....	18,390	2 8.4	7,857	310	8,167	2 25.3
January, 1922.....	1,588	2 2.5	632	27	659	2 11.5
February.....	1,477	2 6	574	23	597	2 17.2
March.....	1,475	2 11.6	629	24	653	2 16.5
April.....	1,356	2 12.6	496	23	519	2 27.8
May.....	1,490	2 12.4	572	23	595	2 24.3
June.....	1,498	2 5.9	558	36	594	2 15.3
Total to June 30, 1922.....	8,884	2 7.3	3,461	156	3,617	2 18.8
July.....	1,502	.....	504	20	524	2 22.9
August.....	1,735	6.4	585	25	610	2 6.9
September.....	1,601	12.6	493	18	511	2 10.5

2 Decrease.

The figures in the above table show a gradual decrease in the number of injuries reported over the previous year. For instance, for the calendar year 1920 there was a 22.2 per cent decrease over 1919. For the calendar year 1921 there was still a decrease of 8.4 per cent over 1920, and for the first six months in 1922 there was a decrease of 7.3 per cent over the first six months in 1921. From the record for August and September, 1922, there has been an increase of 6.4 per cent and 12.6 per cent, respectively, which would almost indicate that the lowest level has been reached in accidents reported.

It is noticeable that there has been a greater falling off in new claims received than in injuries reported. For instance, for the year ending December 31, 1921, there was a falling off in injuries reported amounting to 8.4 per cent, while the decrease in the number of new claims filed was 25.3 per cent. For the first six months of 1922 there was a decrease in injuries reported of 7.3 per cent and a decrease in new claims filed of 18.8 per cent.

INJURIES BY EXTENT OF DISABILITY.

The injuries occurring to civil employees of the United States after September 7, 1916, and before the close of the calendar year 1921, upon which action apparently final had been taken during the year, numbered 12,906, of which 310 were deaths, 89 permanent total disabilities, and 571 permanent partial disabilities, 277 of this latter number being dismemberments and 294 loss-of-use cases. These numbers do not include injuries reported to the commission which were found upon investigation to be not properly tabulatable as

occupational injuries, either because the injuries did not occur while in the performance of duty or because the person injured did not have the status of a civil employee of the United States or because the evidence of the occurrence of the alleged injury was inadequate.

In the annual report for 1920 it was noted that the War Department contributed the larger number of injuries, the Navy Department was the second in number, and the next in order was the Post Office Department. However, this year that order is changed; the War Department has contributed 4,098, the Post Office leads the Navy for second place with 3,592, and the Navy Department has only 2,802.

Under the War Department, the figures for the Engineer Office show that between 4 and 5 out of every hundred men injured are killed. In the Quartermaster Corps, between 2 and 3 out of every hundred injured are killed. In the Post Office Department, between 1 and 2 out of every hundred injuries resulted in death, and in the aerial service of this department 15 out of 57 injuries were fatal. This would be at the rate of about 26 out of every hundred. In the Treasury Department, out of 759 injuries there were 25 deaths, or a little more than 3 out of every hundred injuries were fatal. However, in the Internal Revenue Bureau of this department this ratio is greatly increased to the rate of 19 per hundred.

The following table shows the number of injuries by extent of disability for each department and important bureau or establishment. The small index numbers give the number of cases of infection in each group. For instance, in the Navy Department it will be noted that out of 2,802 cases 231 resulted in infection, 2 of which were deaths, 26 permanent partial, and 203 temporary total disabilities.

INJURIES BY EXTENT OF DISABILITY.

The injuries occurring to civil employees of the United States after September 7, 1916, and before the close of the calendar year 1921, upon which action apparently had been taken during the year numbered 12,906, of which 810 were deaths, 39 permanent total disabilities, and 571 permanent partial disabilities, 377 of this latter number being death-beneficiaries and 394 loss-of-use cases. These numbers do not include injuries reported to the commission which were found upon investigation to be not properly tabulable as

TABLE 2.—NUMBER OF INJURIES, BY EXTENT OF DISABILITY, FOR EACH DEPARTMENT AND IMPORTANT BUREAU OR ESTABLISHMENT, CALENDAR YEAR 1921.

Department and bureau or establishment.	Total injuries.	Number of injuries resulting in—									
		Death.	Perma- nent total dis- ability.	Perma- nent par- tial dis- ability.	Tem- porary total dis- ability.	Temporary total disability of—					
						1 to 3 days, in- clusive.	4 to 7 days, in- clusive.	8 to 14 days, in- clusive.	15 to 21 days, in- clusive.	22 to 28 days, in- clusive.	Over 28 days.
Agriculture:											
Animal Industry.....	4 57	.....	.....	1 1	3 56	9	1 17	1 17	5	3	1 5
Forest Service.....	44 217	4	.....	3 10	4 203	2 22	9 41	13 46	7 23	4 22	6 49
Public Roads and Rural Engineering.....	6 57	1	.....	2 7	6 49	4	2 8	1 19	2 8	1 2	4 8
All other.....	10 92	3	.....	2 4	8 85	23	1 11	3 16	2 14	5	2 16
Total Agriculture.....	64 423	8	.....	6 22	68 393	2 58	13 77	18 98	11 50	6 32	9 78
Commerce:											
Census Bureau.....	1 19	.....	.....	2	1 17	3	2	1 2	3	.....	7
Lighthouse Bureau.....	12 91	6	1	1 2	11 82	13	11	1 22	9	3 6	7 21
All other.....	4 53	.....	.....	1 2	3 51	17	1 8	2 8	4	6	8
Total Commerce.....	17 163	6	1	2 6	15 150	33	1 21	4 32	16	3 12	7 36
Government Printing Office.....	6 75	1	1 1	1 4	4 69	16	12	2 15	1 8	1 8	10
Interior:											
Indian Affairs.....	21 116	1 4	4	6 13	14 95	8	7	4 25	2 11	14	8 30
Reclamation Service.....	32 313	5	3	3 17	29 288	78	8 57	8 65	5 25	3 21	5 42
All other.....	14 124	3	.....	3 7	11 114	19	1 21	2 18	4 20	1 8	3 28
Total Interior.....	67 553	1 12	7	12 37	64 497	105	9 85	14 108	11 56	4 43	16 100
Labor.....	7 66	1	2	.....	7 63	16	19	5 12	8	1	2 7

TABLE 2.—NUMBER OF INJURIES, BY EXTENT OF DISABILITY, FOR EACH DEPARTMENT AND IMPORTANT BUREAU OR ESTABLISHMENT, CALENDAR YEAR 1921—Continued.

Department and bureau or establishment.	Total injuries.	Number of injuries resulting in—									
		Death.	Perma- nent total dis- ability.	Perma- nent par- tial dis- ability.	Tem- porary total dis- ability.	Temporary total disability of—					
						1 to 3 days, in- clusive.	4 to 7 days, in- clusive.	8 to 14 days, in- clusive.	15 to 21 days, in- clusive.	22 to 28 days, in- clusive.	Over 28 days.
Navy:											
Yards—											
Boston.....	44 423	1 4	2	3 13	41 408	74	4 79	16 84	11 46	1 34	9 91
Bremerton.....	14 200	1 4	1	3 10	10 185	18	57	4 49	4 21	12	2 28
Charleston.....	3 58	1		3	3 54	11	1 14	1 12	7	1 6	4
Mare Island.....	17 144	5	1	2 7	15 131	6	2 18	4 25	2 21	1 13	6 48
New York.....	43 526	4	3	8 30	35 489	3 85	10 116	4 97	3 52	4 24	11 115
Norfolk.....	4 130	2	1	1 7	3 120	17	1 38	28	1 10	8	1 19
Philadelphia.....	47 627	1 10	1	3 27	43 589	87	9 170	6 139	10 61	3 34	15 98
Portsmouth.....	4 36			1 3	3 33		2	1 5	2 7	4	15
Washington.....	4 128	1	1	8	4 118	3	14	1 31	1 23	2 10	37
Total yards.....	180 2,272	2 27	10	21 108	157 2,127	3 301	27 508	37 470	34 248	12 145	44 455
Stations—											
Alexandria.....	1 5			1	1 4		1	1		1 1	1
Cavite.....	2 15	1			2 14		2	2	2	2 4	4
Key West.....	3		1	1	1						1
Newport.....	5 45			1	5 44	11	2 14	1 5	7	1	2 6
Olongapo.....	1 29	1			1 28	3	3	6	1 7	3	4
Pensacola.....	2 16			1	2 15	2	1 3	1 5	1		2
Proving grounds.....	4 37	3		4	4 30	3	1 3	4	1 5	4	2 11
Marine Corps.....	1 11			1	1 10		1	4	1	1 2	2
Ordnance (other than yards).....	5 90			2	5 88	15	2 23	1 29	1 7	4	1 10
Supplies and Accounts (other than yards).....	6 76	1		2 6	4 69	1 18	11	1 9	1 12	5	1 14
Other Navy.....	24 203	3	3	3 16	21 181	1 17	7 33	6 50	1 27	2 12	4 42
Total other Navy.....	51 530	9	4	5 33	46 484	2 69	13 94	10 115	5 69	6 36	10 101
Total Navy Department.....	231 2,802	2 36	14	26 141	203 2,611	5 370	40 602	47 585	39 317	18 181	54 556
Post Office:											
City Mail Service (indoor).....	105 909	1 6	1	5 17	99 885	1 266	16 191	38 178	17 72	11 49	16 129
City Mail Service (outdoor).....	127 1,892	2 15	3	9 29	116 1,845	2 413	18 369	34 385	27 184	9 109	26 385
Railway Mail Service.....	60 536	1 6	3	1 5	58 522	1 73	7 85	14 136	13 72	14 40	9 116

Rural Free Delivery.....	24 198	2 9	1 4	4 14	17 171	1 6	2 14	3 27	3 18	3 17	5 89
Aerial Service.....	2 57	15			2 42	9	1 10	1 12	7		4
Total Post Office.....	318 3,592	6 51	1 11	19 65	292 3,465	5 767	44 669	90 738	60 353	37 215	56 723
Treasury:											
Custodian.....	3 73	1		1	3 71	10	21	1 18	4	3	2 15
Customs.....	9 72	1		2 3	7 68	14	2 13	1 10	1 5	5	3 21
Bureau of Engraving and Printing.....	19 261	1		1 4	18 256	80	1 71	6 50	3 15	1 9	7 31
Internal Revenue.....	69	13	1	3	52	13	12	7	9	2	9
Public Health Service.....	11 101	5	1	3	11 92	12	1 17	2 19	1 9	2 6	5 29
Veterans' Bureau.....	7 49		1 4	3	6 42	8	1 8	1 3	2 6	4	2 13
All other.....	7 134	4	1		7 129	26	1 33	2 22	2 16	10	2 22
Total Treasury.....	56 759	25	1 7	8 17	62 710	163	6 175	13 129	9 64	8 39	21 140
War:											
Ordnance—											
Arsenals and Armory—											
Augusta.....	1 7			1	1 6		1 1	3		2	
Benicia.....	5 5				5	1			1		1
Edgewood.....	10 94	2		2 3	8 89	19	1 25	1 15	3 13	5	8 12
Frankford.....	5 59	1	1	1 3	4 54	13	1 8	3 15		2	10
Picatinny.....	11 118			5	11 113	20	2 23	4 25	2 18	5	2 22
Rock Island.....	12 125			1 5	11 120	27	3 21	4 22	2 19	8	2 23
San Antonio.....	1 8				1 8		2			2	1 1
Springfield Armory.....	7 37			2 4	5 33	6	1 6	8	4 10	1	
Watertown.....	6 78			1 4	5 74	8	1 14	1 9	9	7	8 27
Watervliet.....	5 57		2	1	5 54	3	3 13	14	4	4	2 16
Manila.....	1 2				1 2						1 2
Raritan.....	9 39	2	2	1 7	8 28		2 3	2 6	2 8	1 1	1 10
Tullytown.....	2 11				2 11	2	2	2			4
Total Arsenals and Armory.....	70 640	5	5	8 33	62 597	1 100	15 118	17 124	13 88	1 37	15 130
Other ordnance—											
Supply Depots.....	11 249	3	3	5 20	6 223	59	1 42	3 37	1 26	1 17	42
Proving Grounds.....	2 68	2		1 3	1 63	8	17	14	6	4	1 14
All other.....	8 72	3	4	4 12	4 53	15	8	7	2	3	4 18
Total other ordnance.....	21 389	8	7	10 35	11 339	82	1 67	3 58	1 34	1 24	5 74
Total all ordnance.....	91 1,029	13	12	18 68	73 936	1 182	16 185	20 182	14 122	2 61	20 204
Engineer.....	157 1,483	1 62	1 5	21 63	134 1,353	1 249	19 288	45 311	18 158	8 90	43 257
Quartermaster—											
Army Transport Service.....	15 81	7	5	5 15	10 54	2	1	2 9	6	2 6	6 30
Supply depots.....	69 792	2 8	1 8	7 40	59 736	1 139	16 156	10 149	15 85	6 45	11 162
All other.....	41 359	1 16	1 10	8 39	31 294	22	3 44	7 71	4 24	5 33	12 100
Total Quartermaster.....	125 1,232	3 31	2 23	20 94	100 1,084	1 163	19 201	19 229	19 115	13 84	29 292

TABLE 2.—NUMBER OF INJURIES, BY EXTENT OF DISABILITY, FOR EACH DEPARTMENT AND IMPORTANT BUREAU OR ESTABLISHMENT, CALENDAR YEAR 1921—Continued.

Department and bureau or establishment.	Total injuries.	Number of injuries resulting in—									
		Death.	Perma- nent total dis- ability.	Perma- nent par- tial dis- ability.	Tem- porary total dis- ability.	Temporary total disability of—					
						1 to 3 days, in- clusive.	4 to 7 days, in- clusive.	8 to 14 days, in- clusive.	15 to 21 days, in- clusive.	22 to 28 days, in- clusive.	Over 28 days.
War—Continued.											
Other War—											
Aircraft Service.....	29 260	1 4	1	3 15	25 240	2 60	5 60	7 42	1 19	4 20	6 39
Motor Transport Corps.....	2 16	1 2	.....	2	1 12	3	1	1 1	1	.....	6
Mississippi-Warrior River Service.....	3 31	.....	.....	1 1	3 30	3	2	1 8	1 4	2	1 11
All other.....	6 47	2	2	1 4	5 39	12	6	1 5	2 4	5	2 7
Total other War.....	40 354	2 8	3	4 22	34 321	2 78	5 69	10 56	4 28	4 27	9 63
Total War Department.....	413 4,098	6 114	3 43	63 247	341 3,694	5 672	59 743	94 778	55 423	27 262	101 816
Miscellaneous:											
National Home for Disabled Volunteer Soldiers.....	6 78	1	1	3 7	3 69	4	13	12	8	2 8	1 24
United States Shipping Board.....	19 177	1 50	2	6 17	12 108	13	1 7	2 21	5 12	1 11	3 44
District government.....	10 86	1 2	.....	1 2	8 82	10	9	3 21	1 12	3 12	1 18
All other.....	5 34	3	.....	4 6	1 25	4	3	3	8	2	1 5
Total Miscellaneous.....	40 375	2 56	3	14 32	24 284	31	1 32	5 57	6 40	6 33	6 91
Grand total.....	1219 12,906	17 310	6 89	146 571	1050 11,936	17 2,231	173 2,435	292 2,552	192 1,335	104 826	272 2,557

DURATION OF DISABILITY AND AMOUNT OF AWARDS.

The number of injuries, with the duration of disability and amount of award in compensated cases for each department and important bureau or establishment, is shown in the next table. Figures are presented separately for temporary disabilities and for permanent partial disabilities.

The table shows that in 11,936 cases of temporary disability the average duration was 24 days, and that in 6,502 of these cases which were compensated the average duration was 37 days, resulting in an average award of compensation of \$66.70. The corresponding compensated cost for the period September 7, 1916, to December 31, 1918, was \$40.06, for the calendar year 1919 was \$53.23, and for the calendar year 1920 was \$64.74. This increase in the average compensation was to be expected and is the result of two causes: First, the cumulative effect of an increased number of long-continuing disabilities; and, second, the effect of increased rates of wages among the employees at the time the accidents occurred, thus resulting in a larger proportion of the cases at the maximum rate of compensation.

Comparing the temporary disabilities with the report of last year, when 13.6 per cent of the total days lost were covered by leave during which the employee received his regular rate of pay, this year that experience amounts to 17.4 per cent. Considering only the compensated cases for last year, 5.6 per cent of the time lost was covered by leave with pay, while this year 7.2 per cent was covered by leave. Referring to the item of "no claim filed," in the 518 noncompensated cases, there was an average of almost 11 days lost, or, by deducting the amount of leave used, there was an average loss of nearly 10 days. While the figures over the period prior to December 31, 1918, show that 16.7 per cent of the cases filed no claim, this percentage had fallen off to 6.8 per cent in 1919, rose to 7.8 per cent in 1920, but fell to 4.3 per cent in 1921.

The total number of noncompensated temporary total disabilities which were tabulatable accidents included in this report was 5,434, or 45.5 per cent of all cases included in this report. Of these, 2,730 were covered by leave, 518 filed no claim, 2,186 were noncompensable because the time lost did not extend beyond the three-day waiting period, while 518 who lost an average of 10 days' pay and were entitled to claim compensation for 7 days (average of about \$17) made no claim.

No entirely satisfactory explanation can be given of the failure of many of these employees to make claim for compensation. Some through ignorance of the law make claim after the expiration of the statutory period of one year. It is the policy of the commission in cases of this kind to notify an injured employee twice of his right

to claim compensation before considering the case as closed. The attention of the official superior is also called to the matter if several cases of the same kind have been reported through a single official superior. It is known that in some cases injured employees apparently entitled to compensation for a considerable period have declined to claim compensation because of what they called the "bother" of filling out the papers. In most of these cases the papers referred to consist only of the simple affidavit of the claim form, the attending physician's certificate, and a certificate for which the official superior is entirely responsible. It is difficult to understand why an injured employee entitled to receive compensation in excess of \$15 should fail to submit a claim because of the legal requirement that such a claim must be submitted in writing. In certain cases the commission has found that failure to submit claims was due to some misunderstanding. This has sometimes been due to the fact that an employee able to present perfectly satisfactory evidence of injury and disability refrained from doing so because he had not had the services of a physician, or because he did not notify his official superior within 48 hours, or because he had been attended by a private physician instead of a Government physician. Whenever such misunderstandings have come to the attention of the commission it has always been made clear that no one of these conditions would be considered a cause for disallowance of claim when the evidence of the merit of the case was otherwise clear.

TABLE 3.—NUMBER OF INJURIES AND DURATION OF DISABILITY FOR TABULATABLE ACCIDENTS, AND AWARDS FOR COMPENSATED CASES FOR EACH DEPARTMENT AND IMPORTANT BUREAU OR ESTABLISHMENT, CALENDAR YEAR 1921.

TEMPORARY TOTAL DISABILITIES.

Department and bureau or establishment.	All cases.				Compensated cases.						Noncompensated cases.							
											Absence covered by leave.			No claim filed.			Three days and under.	
	Num-ber.	Days' duration, including leave.	Days' leave.	Average days' duration.	Num-ber.	Days' duration, including leave.	Days' leave.	Average days' duration.	Award.	Average award.	Num-ber.	Days' duration, including leave.	Days' leave.	Num-ber.	Days' duration, including leave.	Days' leave.	Num-ber.	duration.
Agriculture:																		
Animal Industry.....	56	693	509	12	10	252	95	25	\$275.17	\$27.52	36	415	414	.....	.....	.....	10	26
Forest Service.....	203	5,854	792	29	125	5,188	262	42	9,705.62	77.64	51	541	530	5	78	.....	22	47
Public Roads and Rural Engineering. . .	49	961	120	20	31	825	55	27	1,475.75	47.60	7	66	64	6	57	1	5	13
All other.....	85	2,103	950	25	18	1,300	198	72	2,101.84	116.77	44	753	752	1	10	.....	22	40
Total Agriculture.....	393	9,611	2,371	24	184	7,565	610	41	13,558.38	73.69	138	1,775	1,760	12	145	1	59	126
Commerce:																		
Census Bureau.....	17	1,738	134	102	7	1,575	28	225	3,362.15	480.31	6	113	106	1	43	.....	3	7
Lighthouse Bureau.....	82	2,211	436	27	39	1,798	159	46	3,275.06	83.98	21	273	271	9	116	6	13	24
All other.....	51	946	482	19	6	438	21	73	865.99	144.33	28	466	461	2	15	.....	15	27
Total Commerce.....	150	4,895	1,052	33	52	3,811	208	73	7,503.20	144.29	55	852	838	12	174	6	31	58
Government Printing Office.....	69	1,115	62	16	48	1,048	42	22	1,875.86	39.08	3	23	20	2	8	.....	16	36
Interior:																		
Indian Affairs.....	95	3,405	263	36	75	3,140	62	42	5,719.12	76.25	7	201	201	6	51	.....	7	13
Reclamation Service.....	288	4,853	117	17	180	4,467	32	25	8,283.82	46.02	7	91	84	23	141	1	78	154
All other.....	114	3,068	878	27	51	2,338	197	46	4,106.10	80.51	43	685	681	1	5	.....	19	40
Total Interior.....	497	11,326	1,258	23	306	9,945	291	33	18,109.04	59.18	57	977	966	30	197	1	104	207
Labor.....	63	1,530	603	24	11	1,080	201	98	1,808.49	164.41	35	406	401	2	10	1	15	34
Navy:																		
Yards—																		
Boston.....	408	8,859	1,232	22	231	7,875	674	34	14,223.15	61.57	75	576	509	29	265	49	73	143
Bremerton.....	185	3,064	471	17	121	2,686	162	22	4,714.17	38.96	44	320	309	2	11	.....	18	47
Charleston.....	54	689	175	13	27	523	48	19	772.34	28.61	13	126	124	5	16	3	9	24

TABLE 3.—NUMBER OF INJURIES AND DURATION OF DISABILITY FOR TABULATABLE ACCIDENTS, AND AWARDS FOR COMPENSATED CASES FOR EACH DEPARTMENT AND IMPORTANT BUREAU OR ESTABLISHMENT, CALENDAR YEAR 1921—Continued.

TEMPORARY TOTAL DISABILITIES—continued.

Department and bureau or establishment.	All cases.				Compensated cases.						Noncompensated cases.							
											Absence covered by leave.			No claim filed.			Three days and under.	
	Num-ber.	Days' duration, including leave.	Days' leave.	Average days' duration.	Num-ber.	Days' duration, including leave.	Days' leave.	Average days' duration.	Award.	Average award.	Num-ber.	Days' duration, including leave.	Days' leave.	Num-ber.	Days' duration, including leave.	Days' leave.	Num-ber.	Days' duration.
Navy—Continued.																		
Yards—Continued.																		
Mare Island.....	131	4,255	653	32	103	3,902	381	38	6,664.53	64.70	14	240	234	8	100	38	6	13
New York.....	489	10,748	979	22	330	9,995	486	30	18,676.01	56.59	71	531	492	4	18	1	84	204
Norfolk.....	120	1,812	492	15	65	1,458	208	22	2,281.33	35.10	34	298	279	5	26	5	16	30
Philadelphia.....	589	11,442	1,639	19	355	10,056	641	28	18,184.00	51.22	123	1,031	969	26	155	29	85	200
Portsmouth.....	33	1,064	87	32	32	1,055	80	33	1,928.45	60.26	1	9	7					
Washington.....	118	3,925	210	33	97	3,747	97	39	7,322.83	75.49	12	111	107	6	64	6	3	3
Total yards.....	2,127	45,858	5,938	22	1,361	41,297	2,777	30	74,766.81	54.94	387	3,242	3,030	85	655	131	294	664
Stations—																		
Alexandria.....	4	66	14	17	2	52		26	100.01	50.01	2	14	14					
Cavite.....	14	368	39	26	13	363	36	28	351.53	27.04	1	5	3					
Key West.....	1	91		91	1			91	193.34	193.34								
Newport.....	44	545	186	12	15	373	67	25	569.98	38.00	15	125	118	3	27	1	11	20
Olongapo.....	28	625	10	22	24	612	10	26	654.34	27.26				1	4		3	9
Pensacola.....	15	250	40	17	9	192	32	21	285.50	31.72	1	5	5	3	49	3	2	4
Proving grounds.....	30	1,015	97	34	21	938	72	45	1,768.99	84.24	4	26	24	2	45	1	3	6
Marine Corps.....	10	221	51	22	6	173	15	29	297.86	49.64	3	36	36	1	12			
Ordnance (other than yards).....	88	1,545	280	18	48	1,310	107	27	2,313.88	48.21	22	183	173	2	12		16	40
Supplies and Accounts (other than yards).....	69	1,982	310	29	36	1,781	157	49	3,293.92	91.50	14	153	153	1	11		18	37
Other Navy.....	181	5,917	648	33	121	5,438	264	45	10,264.79	84.83	38	374	360	5	68	24	17	37
Total other Navy.....	484	12,625	1,675	26	296	11,323	760	38	20,094.14	67.89	100	921	886	18	228	29	70	153
Total Navy Department.....	2,611	58,483	7,613	22	1,657	52,620	3,537	32	94,860.95	57.25	487	4,163	3,916	103	883	160	364	817

Post Office:																		
City mail service (indoor).....	885	14, 137	3, 293	16	364	11, 196	1, 217	31	19, 304. 69	53. 03	225	2, 142	2, 020	33	270	56	263	529
City mail service (outdoor).....	1, 845	39, 251	6, 198	21	1, 002	34, 291	2, 933	34	61, 124. 20	61. 00	370	3, 285	3, 138	64	815	127	409	880
Railway Mail Service.....	522	14, 829	4, 980	29	194	11, 251	1, 928	58	19, 233. 85	99. 14	228	2, 902	2, 833	27	612	219	73	134
Rural Free Delivery.....	171	7, 974	1, 181	47	131	7, 490	738	57	13, 967. 01	106. 62	33	440	432	3	34	11	4	10
Aerial service.....	42	538	305	13	6	227	32	38	393. 35	65. 56	25	263	261	3	32	12	4	16
Total Post Office.....	3, 465	76, 799	15, 957	22	1, 697	64, 455	6, 848	38	114, 023. 10	67. 19	881	9, 032	8, 684	130	1, 763	425	757	1, 540
Treasury:																		
Custodian.....	71	1, 349	715	19	22	823	215	37	895. 94	40. 72	38	500	499	1	5	1	10	21
Customs.....	68	1, 638	867	24	15	825	86	55	1, 448. 87	96. 50	39	782	781	1	70	13	31	31
Bureau of Engraving and Printing.....	256	3, 737	887	15	85	2, 837	240	33	5, 093. 43	59. 92	81	658	647	11	79	79	172	172
Internal Revenue.....	52	1, 138	492	22	10	783	154	78	1, 292. 72	129. 27	29	338	338	1	12	12	17	17
Public Health Service.....	92	3, 789	948	41	49	3, 237	444	66	5, 634. 17	114. 98	29	510	504	3	16	11	26	26
Veterans' Bureau ¹	42	1, 413	651	34	9	886	191	98	1, 421. 19	157. 91	24	460	460	1	54	8	13	13
All other.....	129	2, 753	1, 583	21	19	1, 475	405	78	2, 170. 59	114. 24	83	1, 164	1, 158	3	63	20	24	51
Total Treasury.....	710	15, 817	6, 143	22	209	10, 866	1, 735	52	17, 956. 91	85. 92	323	4, 412	4, 387	21	208	21	157	331
War:																		
Ordnance—Arsenals and armory—																		
Augusta.....	6	83	11	14	5	73	1	15	113. 59	22. 72	1	10	10					
Benicia.....	5	81	15	16	2	58		29	115. 57	57. 79	1	9	9	1	12	6	1	2
Edgewood.....	89	1, 280	137	14	49	1, 072	59	22	1, 854. 20	37. 84	9	84	77	13	91	1	18	33
Frankford.....	54	1, 148	34	21	37	1, 104	17	30	2, 116. 67	57. 21	4	20	17	1	4	12	20	20
Picatinny.....	113	2, 184	49	19	83	2, 063	3	25	3, 952. 60	47. 62	6	44	41	4	37	5	20	40
Rock Island.....	120	2, 185	189	18	88	2, 061	157	23	3, 583. 79	40. 72	4	33	32	1	36	27	55	55
San Antonio.....	8	131		16	7	129		18	222. 25	31. 75							1	2
Springfield Armory.....	33	523	23	16	27	510	23	19	867. 86	32. 14							6	13
Watertown.....	74	2, 568	65	35	61	2, 526	47	41	5, 013. 97	82. 20	5	23	18				8	19
Watervliet.....	54	1, 594	61	30	50	1, 575	48	32	2, 990. 00	59. 80	1	13	13				3	6
Manila.....	2	76	12	38	2	76	12	38	54. 05	27. 03								
Raritan.....	28	782	90	24	25	741	49	30	1, 352. 74	54. 11	3	41	41					
Tullytown.....	11	1, 009	38	92	5	979	15	196	2, 075. 85	415. 17	3	19	19	1	8	4	2	3
Total arsenals and armory.....	597	13, 644	724	23	441	12, 967	431	29	24, 313. 14	55. 13	37	296	277	21	188	16	98	193
Other ordnance—																		
Supply depots.....	223	7, 336	237	33	139	6, 980	103	50	13, 842. 76	99. 59	15	141	133	13	95	1	56	120
Proving grounds.....	63	1, 186	101	19	45	1, 107	46	25	1, 958. 38	43. 52	8	52	52	2	12	3	8	15
All other.....	53	3, 307	142	62	32	3, 207	92	100	6, 452. 40	201. 64	4	56	49	2	15	1	15	29
Total other ordnance.....	339	11, 829	480	35	216	11, 294	241	52	22, 253. 54	103. 03	27	249	234	17	122	5	79	164
Total all ordnance.....	936	25, 473	1, 204	27	657	24, 261	672	37	46, 566. 68	70. 88	64	545	511	38	310	21	177	357
Engineer.....	1, 353	26, 443	3, 568	20	792	22, 031	670	28	38, 263. 03	48. 31	220	3, 023	2, 866	93	895	32	248	494

¹ The Veterans' Bureau does not properly belong under the Treasury Department, but has been left there because many of the older cases which are included in this report occurred when that bureau was in the Treasury Department.

TABLE 3.—NUMBER OF INJURIES AND DURATION OF DISABILITY FOR TABULATABLE ACCIDENTS, AND AWARDS FOR COMPENSATED CASES FOR EACH DEPARTMENT AND IMPORTANT BUREAU OR ESTABLISHMENT, CALENDAR YEAR 1921—Continued.

TEMPORARY TOTAL DISABILITIES—continued.

Department and bureau or establishment.	All cases.				Compensated cases.						Noncompensated cases.							
											Absence covered by leave.			No claim filed.			Three days and under.	
	Num-ber.	Days' duration, including leave.	Days' leave.	Average days' duration.	Num-ber.	Days' duration, including leave.	Days' leave.	Average days' duration.	Award.	Average award.	Num-ber.	Days' duration, including leave.	Days' leave.	Num-ber.	Days' duration, including leave.	Days' leave.	Num-ber.	Days' duration.
War—Continued.																		
Quartermaster—																		
Army Transport Service.....	54	4,798	368	94	44	4,584	163	104	9,338.43	212.24	7	199	199	2	12	6	1	3
Supply depots.....	736	17,395	4,232	24	353	13,623	1,008	39	24,538.24	69.51	226	3,267	3,220	19	245	4	138	260
All other.....	294	12,497	1,846	43	180	10,868	534	60	19,328.20	107.38	76	1,300	1,288	18	289	24	20	40
Total Quartermaster.....	1,084	34,690	6,446	32	577	29,075	1,705	50	53,204.87	92.21	309	4,766	4,707	39	546	34	159	303
Other War—																		
Aircraft Service.....	240	3,942	1,333	16	80	2,616	252	33	4,499.71	56.25	91	1,094	1,079	9	111	2	60	121
Motor Transport Corps.....	12	1,015	145	85	7	993	128	142	1,859.86	265.69	2	17	17				3	5
Mississippi-Warrior River Service.....	30	840	11	28	21	660	4	31	1,218.63	58.03	1	7	7	5	167		3	6
All other.....	39	1,308	340	34	11	1,066	115	97	1,937.98	176.18	17	228	225	6	4		5	10
Total other War.....	321	7,105	1,829	22	119	5,335	499	45	9,516.18	79.97	111	1,346	1,328	20	282	2	71	142
Total War Department.....	3,694	93,711	13,047	25	2,145	80,702	3,546	38	147,550.76	68.79	704	9,680	9,412	190	2,033	89	655	1,296
Miscellaneous:																		
National Home for Disabled Volunteer Soldiers.....	69	2,731	243	40	51	2,572	101	50	2,740.25	53.73	12	142	142	2	11		4	6
United States Shipping Board.....	108	5,680	532	53	76	5,217	247	69	10,417.79	137.08	13	287	284	8	154	1	11	22
District government.....	82	2,014	395	25	59	1,703	142	29	2,878.04	48.78	11	259	252	2	36	1	10	16
All other.....	25	515	244	21	7	228	14	33	415.78	59.40	11	221	220	4	62	10	3	4
Total miscellaneous.....	284	10,940	1,414	39	193	9,720	504	50	16,451.86	85.24	47	909	898	16	263	12	28	48
Grand total.....	11,936	284,227	49,520	24	6,502	241,812	17,522	37	433,698.55	66.70	2,730	32,229	31,282	518	5,684	716	2,186	4,502

The following table of permanent partial disabilities is of particular interest in that under the head of "Dismemberments" there are shown 29 cases which were covered by leave, 7 where no claim was filed, 4 where duration of disability was under 3 days, and 7 with no time lost, making a total of 47 dismemberments for which no compensation was paid.

Under the heading of "Loss of function" there were 17 cases covered by leave, 5 where no claim was filed, 3 where the duration of disability was under 3 days, and 1 with no time lost, making a total of 26 cases of loss of function for which no compensation was paid.

In all there is a total of 73 cases of permanent partial disability where no compensation was paid, but in most instances these cases were trivial disabilities. For information regarding the seriousness of the disabilities, reference should be made to the nature of injury tables.

TABLE 4.—NUMBER OF PERMANENT PARTIAL DISABILITIES, DURATION OF DISABILITY, AND AWARDS FOR COMPENSATED CASES, FOR EACH DEPARTMENT AND IMPORTANT BUREAU OR ESTABLISHMENT, CALENDAR YEAR 1921.

DISMEMBERMENTS ONLY.

Department and bureau or establishment.	All cases.		Compensated cases.				Noncompensated cases.						
	Number.	Average days' duration.	Number.	Average days' duration.	Award.	Average award.	Covered by leave.		No claim filed.		Under 3 days.		No time lost (num-ber).
							Number.	Days' duration.	Number.	Days' duration.	Number.	Days' duration.	
Agriculture:													
Animal Industry.....	1	53	1	53	\$26.66	\$26.66							
Forest Service.....	4	264	4	264	1 4, 536.74	1, 134.19							
Public Roads and Rural Engineer- ing.....	2	44	2	44	175.56	87.78							
All other.....	4	70	2	125	2 3, 746.03	1, 873.02	1	31					1
Total Agriculture.....	11	134	9	161	8, 484.99	942.78	1	31					1
Commerce:													
Lighthouse Bureau.....	1	57	1	57	120.01	120.01							
All other.....	1	24					1	24					
Total Commerce.....	2	40	1	57	120.01	120.01	1	24					
Government Printing Office.....	3	20	1	59	115.57	115.57					2	3	
Interior:													
Indian Affairs.....	7	75	6	88	2 2, 150.39	358.40							
Reclamation Service.....	12	121	11	134	4 10, 447.12	949.74			1	7			
All other.....	4	144	3	190	5 4, 535.34	1, 511.78	1	4					
Total Interior.....	23	111	20	127	17, 132.85	856.64	1	4	1	7			1
Navy:													
Yards—													
Boston.....	5	125	4	150	6 11, 487.19	2, 871.80	1	26					
Bremerton.....	7	138	7	138	7 9, 426.50	1, 346.64							
Charleston.....	3	66	3	66	301.66	100.55							
Mare Island.....	4	180	4	180	8 3, 856.71	964.18							
New York.....	14	108	14	108	9 12, 234.37	873.88							
Norfolk.....	3	20	2	25	91.12	45.56	1	11					
Philadelphia.....	17	122	15	135	10 15, 543.64	1, 036.24	2	54					

Portsmouth.....	1	34	1	34	66.67	66.67						
Washington.....	6	50	5	58	¹¹ 3, 074.70	614.94	1	9				
Total navy yards.....	60	108	55	116	56,082.56	1,019.68	5	100				
Stations—Alexandria.....	1	39	1	39	77.78	77.78						
Proving grounds.....	3	45	3	45	271.12	90.37						
Marine Corps.....	1	33	1	33	64.45	64.45						
Ordnance (other than yards).....	1	10					1	10				
Supplies and Accounts (other than yards).....	2	315	2	315	1,360.09	680.05						
All other.....	14	202	9	306	¹² 12,640.42	1,404.49	5	77				
Total other Navy.....	22	167	16	224	14,413.86	900.87	6	87				
Total Navy Department.....	82	124	71	141	70,496.42	992.91	11	187				
Post Office:												
City Mail Service (indoor).....	12	66	10	72	1,286.17	128.62	1	23	1	¹³ 49		
City Mail Service (outdoor).....	5	492	5	492	4,557.03	911.41						
Railway Mail Service.....	3	130	3	130	726.71	242.24						
Rural Free Delivery.....	4	28	3	30	152.46	50.82	1	21				
Total Post Office.....	24	156	21	174	6,722.37	320.11	2	44	1	49		
Treasury:												
Bureau of Engraving and Printing.....	3	47	3	47	284.46	94.82						
Internal Revenue.....	1	215	1	215	462.24	462.24						
Public Health Service.....	2	155	2	155	¹⁴ 2,882.41	1,441.21						
All other.....	2	29					1	55		1	3	
Total Treasury.....	8	91	6	111	3,629.11	604.85	1	55		1	3	

¹ One case lump-sum settlement, 15 per cent disability, \$2,228.15.

² One case lump-sum settlement, 30 per cent disability, \$3,296.70.

³ One case lump-sum settlement, 10 per cent disability, \$1,352.79.

⁴ One case lump-sum settlement, 50 per cent disability, \$7,377.57.

⁵ One case lump-sum settlement, 25 per cent disability, \$3,305.57.

⁶ One case lump-sum settlement, 45 per cent disability, \$6,186.54; one case lump-sum settlement, 30 per cent disability, \$4,101.80.

⁷ One case lump-sum settlement, 50 per cent disability, \$7,326.37.

⁸ One case lump-sum settlement, 17 per cent disability, \$2,472.74.

⁹ One case lump-sum settlement, 3 per cent disability, \$418.37; one case lump-sum settlement, 5 per cent disability, \$756.44; one case lump-sum settlement, 8 per cent disability, \$1,163.64; one case lump-sum settlement, 5 per cent disability, \$349.94; one case lump-sum settlement, 45 per cent disability, \$5,918.24; one case lump-sum settlement, 5 per cent disability, \$697.28.

¹⁰ One case lump-sum settlement, 5 per cent disability, \$703.76; one case lump-sum settlement, 25 per cent disability, \$3,135.76; one case lump-sum settlement, 15 per cent disability, \$2,071.78; one case lump-sum settlement, 25 per cent disability, \$3,549.98; one case lump-sum settlement, 25 per cent disability, \$1,953.50.

¹¹ One case lump-sum settlement, 18 per cent disability, \$2,486.14.

¹² One case lump-sum settlement, 25 per cent disability, \$2,721.94; one case lump-sum settlement, 15 per cent disability, \$1,657.65; one case lump-sum settlement, 25 per cent disability, \$2,154.24; one case lump-sum settlement, 25 per cent disability, \$992.65.

¹³ These cases made claim after the time limit of one year, as prescribed in the law, had run against them and could not be compensated.

¹⁴ One case lump-sum settlement, 25 per cent disability, \$2,288.34.

TABLE 4.—NUMBER OF PERMANENT PARTIAL DISABILITIES, DURATION OF DISABILITY, AND AWARDS FOR COMPENSATED CASES, FOR EACH DEPARTMENT AND IMPORTANT BUREAU OR ESTABLISHMENT, CALENDAR YEAR 1921—Continued.

DISMEMBERMENTS ONLY—continued.

Department and bureau or establishment.	All cases.		Compensated cases.				Noncompensated cases.						
	Number.	Average days' duration.	Number.	Average days' duration.	Award.	Average award.	Covered by leave.		No claim filed.		Under 3 days.		No time lost (number).
							Number.	Days' duration.	Number.	Days' duration.	Number.	Days' duration.	
War:													
Ordnance—Arsenals and armory—													
Augusta.....	1	38	1	38	\$75.56	\$75.56							
Edgewood.....	2	359	2	359	¹⁵ 4,272.95	2,136.48							
Frankford.....	2	22	2	22	82.22	41.11							
Picatinny.....	4	42	4	42	344.47	86.12							
Rock Island.....	2	20	2	20	71.11	35.56							
Springfield armory.....	2	63	2	63	262.25	131.13							
Watervliet.....	1	37							1	¹⁹ 37			
Watertown.....	3	80	3	80	511.15	170.38							
Raritan.....	2	14	1	27	53.33	53.33							1
Total arsenals and armory.....	19	76	17	82	5,673.04	333.71			1	37			1
Other Ordnance—													
Supply depots.....	5	321	5	321	¹⁶ 10,781.60	2,156.32							
Proving grounds.....	1	14	1	14	24.45	24.45							
All other.....	3	171	3	171	¹⁷ 4,337.42	1,445.81							
Total other Ordnance.....	9	237	9	237	15,143.47	1,682.61							
Total Ordnance.....	28	128	26	136	20,816.51	800.64			1	37			1
Engineer.....	37	52	29	65	¹⁸ 12,110.54	417.95	2	18	1	20	1	1	4
Quartermaster—													
Army Transport Service.....	8	113	8	113	¹⁹ 2,409.71	301.21							
Supply depots.....	15	113	12	133	²⁰ 10,636.67	886.39	3	107					
All other.....	13	77	10	95	²¹ 7,591.49	759.15	2	50	1				
Total Quartermaster.....	36	100	30	115	20,637.87	687.93	5	157	1				

Other War—													
Aircraft Service.....	9	63	6	81	22 2,926.47	487.75	3	76					
All other.....	2	16					2	32					
Total other War.....	11	54	6	81	2,926.47	487.75	5	108					
Total War Department.....	112	87	91	103	56,491.39	620.78	12	283	3	57	1	1	5
Miscellaneous:													
National Home for Disabled Vol-													
unteer Soldiers.....	5	52	5	52	281.42	56.28							
United States Shipping Board.....	6	90	5	84	597.71	119.54			1	13 120			
All other.....	1	141							1	13 141			
Total miscellaneous.....	12	79	10	68	879.13	87.91			2	261			
Grand total.....	277	106	230	124	164,071.84	713.36	29	628	7	374	4	7	7

LOSS OF FUNCTION ONLY.

Agriculture:													
Forest Service.....	6	235	6	235	23 \$4,666.37	\$777.73							
All other.....	5	187	2	459	1,872.54	936.27	1	7	1	8	1	1	
Total Agriculture.....	11	213	8	291	6,538.91	817.36	1	7	1	8	1	1	
Commerce:													
Census Bureau.....	2	301	2	301	24 1,924.82	962.41							
Lighthouse Bureau.....	1	263	1	263	566.74	566.74							
All other.....	1	78					1	78					
Total Commerce.....	4	236	3	288	2,491.56	830.52	1	78					
Government Printing Office.....	1	49	1	49	95.56	95.56							

¹⁵ One case lump-sum settlement, 25 per cent disability, \$2,834.54.

¹⁶ One case lump-sum settlement, 4 per cent disability, \$435.51; one case lump-sum settlement, 25 per cent disability, \$3,305.57; one case lump-sum settlement, 25 per cent disability, \$3,636.38.

¹⁷ One case lump-sum settlement, 25 per cent disability, \$2,480.53; one case lump-sum settlement, 6 per cent disability, \$741.45.

¹⁸ One case lump-sum settlement, 25 per cent disability, \$2,011.82; one case lump-sum settlement, 45 per cent disability, \$6,373.90.

¹⁹ One case lump-sum settlement, 8 per cent disability, \$813.67.

²⁰ One case lump-sum settlement, 50 per cent disability, \$5,669.09; one case lump-sum settlement, 25 per cent disability, \$1,682.09.

²¹ One case lump-sum settlement, 25 per cent disability, \$2,288.34; one case lump-sum settlement, 25 per cent disability, \$2,224.22; one case lump-sum settlement, 25 per cent disability, \$1,614.88.

²² One case lump-sum settlement, 20 per cent disability, \$1,828.51; one case lump-sum settlement, 7 per cent disability, \$565.96.

²³ One case lump-sum settlement, 10 per cent disability, \$1,272.14; one case lump-sum settlement, 3 per cent disability, \$391.84.

²⁴ One case lump-sum settlement, 5 per cent disability, \$598.43.

TABLE 4.—NUMBER OF PERMANENT PARTIAL DISABILITIES, DURATION OF DISABILITY, AND AWARDS FOR COMPENSATED CASES, FOR EACH DEPARTMENT AND IMPORTANT BUREAU OR ESTABLISHMENT, CALENDAR YEAR 1921—Continued.

LOSS OF FUNCTION ONLY—continued.

Department and bureau or establishment.	All cases.		Compensated cases.				Noncompensated cases.							
	Number.	Average days' duration.	Number.	Average days' duration.	Award.	Average award.	Covered by leave.		No claim filed.		Under 3 days.		No time lost (num ber).	
							Number.	Days' duration.	Number.	Days' duration.	Number.	Days' duration.		
Interior:														
Indian Affairs.....	6	134	4	199	\$1,387.03	\$346.76	1	10					1	
Reclamation Service.....	5	263	5	263	²⁵ 7,030.25	1,406.05								
All other.....	3	459	2	668	²⁶ 6,194.72	3,097.36	1	43						
Total Interior.....	14	250	11	313	14,612.00	1,328.36	2	53					1	
Navy:														
Yards—														
Boston.....	8	346	7	395	²⁷ 19,159.74	2,737.11			1					
Bremerton.....	3	48	3	48	²⁸ 3,655.36	1,218.45								
Mare Island.....	3	61	3	61	²⁹ 3,801.95	1,267.32								
New York.....	16	249	16	249	³⁰ 22,431.23	1,401.95								
Norfolk.....	4	59	4	59	³¹ 7,819.17	1,954.79								
Philadelphia.....	10	370	10	370	³² 15,625.50	1,562.55								
Portsmouth.....	2	62	2	62	255.56	127.78								
Washington.....	2	152	2	152	646.70	323.35								
Total navy yards.....	48	238	47	243	73,395.21	1,561.60			1					
Stations—														
Key West.....	1	1,404	1	1,404	³³ 6,472.72	6,472.72								
Newport.....	1	20	1	20	35.56	35.56								
Pensacola.....	1	45	1	45	³⁴ 804.72	804.72								
Proving grounds.....	1	148	1	148	315.58	315.58								
Ordnance (other than yards).....	1	392	1	392	853.39	853.39								
Supplies and Accounts (other than yards).....	4	461	4	461	³⁵ 6,754.25	1,688.56								
All other.....	2	643	2	643	³⁶ 4,728.05	2,364.02								
Total other Navy.....	11	467	11	467	19,964.27	1,814.94								
Total Navy Department.....	59	281	58	286	93,359.48	1,609.65			1					

Post Office:											
City Mail Service (indoor).....	5	66	3	103	573.35	191.12	2	20			
City Mail Service (outdoor).....	24	306	24	306	15,634.32	651.43					
Railway Mail Service.....	2	222	2	222	744.48	372.24					
Rural Free Delivery.....	10	270	9	298	²⁷ 6,765.97	751.77	1	19			
Total Post Office.....	41	264	38	283	23,718.12	624.16	3	39			
Treasury:											
Custodian.....	1	11					1	11			
Customs.....	3	52	1	115	102.23	102.23	1	19	1	21	
Bureau of Engraving and Printing.....	1	227	1	227	424.32	424.32					
Internal Revenue.....	2	171	2	341	530.30	265.15					
Public Health Service.....	1	137	1	137	107.67	107.67					
Veterans' Bureau.....	1	192	1	192	²⁸ 1,549.43	1,549.43					
Total Treasury.....	9	118	6	169	2,713.95	452.33	2	30	1	21	
War:											
Ordnance—Arsenals and armory—											
Edgewood.....	1	54	1	54	²⁹ 3,871.30	3,871.30					
Frankford.....	1	392	1	392	851.20	851.20					
Picatinny.....	1	37	1	37	73.34	73.34					
Rock Island.....	3	168	3	168	⁴⁰ 2,524.58	841.53					
Springfield Armory.....	2	204	2	204	857.92	428.96					
Watertown.....	1	206	1	206	⁴¹ 1,111.54	1,111.54					
Raritan.....	5	172	5	172	⁴² 9,547.75	1,909.55					
Total arsenals and armory...	14	176	14	176	18,837.63	1,345.55					

²⁵ One case lump-sum settlement, 15 per cent disability, \$1,760.95; one case lump-sum settlement, 20 per cent disability, \$2,508.61.

²⁶ One case lump-sum settlement, 25 per cent disability, \$3,549.98.

²⁷ One case lump-sum settlement, 25 per cent disability, \$2,888.75; one case lump-sum settlement, 10 per cent disability, \$1,407.51; one case lump-sum settlement, 15 per cent disability, \$2,071.78; one case lump-sum settlement, 60 per cent disability, \$7,299.73.

²⁸ One case lump-sum settlement, 20 per cent disability, \$2,734.54; one case lump-sum settlement, 5 per cent disability, \$627.15.

²⁹ One case lump-sum settlement, 25 per cent disability, \$3,436.38.

³⁰ One case lump-sum settlement, 10 per cent disability, \$1,306.15; one case lump-sum settlement, 25 per cent disability, \$2,353.12; one case lump-sum settlement, 10 per cent disability, \$1,494.96; one case lump-sum settlement, 15 per cent disability, \$2,071.78; one case lump-sum settlement, 10 per cent disability, \$1,133.82; one case lump-sum settlement, 25 per cent disability, \$3,041.55; one case lump-sum settlement, 15 per cent disability, \$1,633.16; one case lump-sum settlement, 10 per cent disability, \$1,337.75.

³¹ One case lump-sum settlement, 25 per cent disability, \$2,834.54; one case lump-sum settlement, 25 per cent disability, \$3,713.59; one case lump-sum settlement, 7½ per cent disability, \$882.40.

³² One case lump-sum settlement, 25 per cent disability, \$3,636.38; one case lump-sum settlement, 20 per cent disability, \$2,353.08; one case lump-sum settlement, 15 per cent disability, \$1,704.81.

³³ One case lump-sum settlement, 30 per cent disability, \$3,401.45.

³⁴ One case lump-sum settlement, 5 per cent disability, \$715.96.

³⁵ One case lump-sum settlement, 15 per cent disability, \$1,667.36; one case lump-sum settlement, 15 per cent disability, \$1,049.81.

³⁶ One case lump-sum settlement, 25 per cent disability, \$1,885.50.

³⁷ One case lump-sum settlement, 8 per cent disability, \$941.23.

³⁸ One case lump-sum settlement, 10 per cent disability, \$1,133.82.

³⁹ One case lump-sum settlement, 25 per cent disability, \$3,780.19.

⁴⁰ One case lump-sum settlement, 10 per cent disability, \$1,431.91.

⁴¹ One case lump-sum settlement, 5 per cent disability, \$661.11.

⁴² One case lump-sum settlement, 15 per cent disability, \$1,131.30; one case lump-sum settlement, 7 per cent disability, \$1,010.46; one case lump-sum settlement, 50 per cent disability, \$4,834.64; one case lump-sum settlement, 10 per cent disability, \$754.20.

TABLE 4.—NUMBER OF PERMANENT PARTIAL DISABILITIES, DURATION OF DISABILITY, AND AWARDS FOR COMPENSATED CASES, FOR EACH DEPARTMENT AND IMPORTANT BUREAU OR ESTABLISHMENT, CALENDAR YEAR 1921—Continued.

LGSS OF FUNCTION ONLY—continued.

Department and bureau or establishment.	All cases.		Compensated cases.				Noncompensated cases.						
	Number.	Average days' duration.	Number.	Average days' duration.	Award.	Average award.	Covered by leave.		No claim filed.		Under 3 days.		No time lost (number).
							Number.	Days' duration.	Number.	Days' duration.	Number.	Days' duration.	
War—Continued.													
Other Ordnance—													
Supply depots.....	15	562	15	562	⁴³ 38,479.74	2,565.32							
Proving grounds.....	2	408	2	408	⁴⁴ 6,033.71	3,016.86							
All other.....	8	536	8	536	⁴⁵ 21,331.80	2,666.48							
Total other Ordnance.....	25	542	25	542	65,845.25	2,633.81							
Total Ordnance.....	39	410	39	410	84,682.88	2,171.35							
Engineer.....	26	366	23	408	⁴⁶ 38,585.42	1,677.63	3	116					
Quartermaster—													
Army Transport Service.....	7	498	6	581	⁴⁷ 14,610.17	2,435.03			1				
Supply depots.....	25	317	22	354	⁴⁸ 33,252.92	1,511.50	3	157					
All other.....	26	304	24	328	⁴⁹ 39,581.46	1,649.23	1	28	1				
Total Quartermaster.....	58	333	52	368	87,444.55	1,681.63	4	185	2				
Other War—													
Aircraft Service.....	6	273	6	273	⁵⁰ 8,842.22	1,473.70							
Motor Transport Corps.....	2	232	2	232	⁵¹ 3,564.03	1,782.02							
Mississippi-Warrior River Service.....	1	124	1	124	264.45	264.45							
All other.....	2	223	1	433	956.51	956.51	1	12					
Total other war.....	11	253	10	266	13,627.21	1,362.72	1	12					
Total War Department.....	134	355	124	381	224,340.06	1,809.19	8	313	2				

Miscellaneous:																				
National Home for Disabled Volunteer Soldiers.....	2	599	2	599	\$3 3,649.09	1,824.55														
United States Shipping Board.....	11	264	10	290	\$3 16,849.74	1,684.97									1			3		
District government.....	2	150	2	150	644.48	322.24														
All other.....	5	135	4	168	1,362.21	340.55									1			1		
Total miscellaneous.....	20	254	18	282	22,505.52	1,250.31									2			4		
Grand total.....	293	300	267	327	390,375.16	1,462.08	17	520	5	29	3	5	1							

SPECIAL CASE—DISMEMBERMENT AND LOSS OF FUNCTION, COMBINED.

War—Ordnance—All other ordnance..	1	559	1	559	\$4 11,399.87	11,399.87														
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⁴³ One case lump-sum settlement, 5 per cent disability, \$555.79; one case lump-sum settlement, 25 per cent disability, \$1,228.66; one case lump-sum settlement, 20 per cent disability, \$2,350.94; one case lump-sum settlement, 25 per cent disability, \$1,817.69; one case lump-sum settlement, 15 per cent disability, \$2,181.83; one case lump-sum settlement, 3 per cent disability, \$364.99; one case lump-sum settlement, 10 per cent disability, \$992.21; one case lump-sum settlement, 28 per cent disability, \$2,562.69; one case lump-sum settlement, 15 per cent disability, \$1,293.54; one case lump-sum settlement, 25 per cent disability, \$3,452.97; one case lump-sum settlement, 10 per cent disability, \$1,041.41; one case lump-sum settlement, 25 per cent disability, \$2,417.32.

⁴⁴ One case lump-sum settlement, 25 per cent disability, \$1,885.50; one case lump-sum settlement, 20 per cent disability, \$2,353.08.

⁴⁵ One case lump-sum settlement, 25 per cent disability, \$1,412.88; one case lump-sum settlement, 20 per cent disability, \$2,568.35; one case lump-sum settlement, 25 per cent disability, \$2,542.73; one case lump-sum settlement, 25 per cent disability, \$2,288.12; one case lump-sum settlement, 25 per cent disability, \$3,608.78.

⁴⁶ One case lump-sum settlement, 5 per cent disability, \$244.44; one case lump-sum settlement, 42 per cent disability, \$5,324.57; one case lump-sum settlement, 25 per cent disability, \$2,480.53; one case lump-sum settlement, 15 per cent disability, \$1,488.32; one case lump-sum settlement, 20 per cent disability, \$808.40; one case lump-sum settlement, 10 per cent disability, \$1,216.62; one case lump-sum settlement, 25 per cent disability, \$3,381.97; one case lump-sum settlement, 5 per cent disability, \$727.28; one case lump-sum settlement, 10 per cent disability, \$404.20; one case lump-sum settlement, 20 per cent disability, \$1,473.77; one case lump-sum settlement, 20 per cent disability, \$1,454.15; one case lump-sum settlement, 25 per cent disability, \$1,127.84.

⁴⁷ One case lump-sum settlement, 20 per cent disability, \$1,775.29; one case lump-sum settlement, 30 per cent disability, \$3,966.68; one case lump-sum settlement, 5 per cent disability, \$532.67; one case lump-sum settlement, 8 per cent disability, \$924.40.

⁴⁸ One case lump-sum settlement, 5 per cent disability, \$703.76; one case lump-sum settlement, 10 per cent disability, \$1,111.58; one case lump-sum settlement, 10 per cent disability, \$1,187.23; one case lump-sum settlement, 25 per cent disability, \$1,614.88; one case lump-sum settlement, 15 per cent disability, \$1,212.78; one case lump-sum settlement, 15 per cent disability, \$1,525.64; one case lump-sum settlement, 10 per cent disability, \$1,306.15; one case lump-sum settlement, 10 per cent disability, \$966.93; one case lump-sum settlement, 10 per cent disability, \$1,155.50; one case lump-sum settlement, 6 per cent disability, \$564.75; one case lump-sum settlement, 5 per cent disability, \$627.15; one case lump-sum settlement, 25 per cent disability, \$2,542.73; one case lump-sum settlement, 30 per cent disability, \$2,976.63.

⁴⁹ One case lump-sum settlement, 25 per cent disability, \$3,698.78; one case lump-sum settlement, 25 per cent disability, \$1,567.64; one case lump-sum settlement, 25 per cent disability, \$1,682.09; one case lump-sum settlement, 15 per cent disability, \$1,450.39; one case lump-sum settlement, 10 per cent disability, \$1,052.80; one case lump-sum settlement, 8 per cent disability, \$142.01; one case lump-sum settlement, 25 per cent disability, \$1,953.50; one case lump-sum settlement, 35 per cent disability, \$4,044.24; one case lump-sum settlement, 18 per cent disability, \$2,407.94; one case lump-sum settlement, 15 per cent disability, \$1,784.92; one case lump-sum settlement, 25 per cent disability, \$2,224.22; one case lump-sum settlement, 15 per cent disability, \$1,562.12; one case lump-sum settlement, 15 per cent disability, \$2,242.43.

⁵⁰ One case lump-sum settlement, 39 per cent disability, \$3,670.86; one case lump-sum settlement, 30 per cent disability, \$2,182.90.

⁵¹ One case lump-sum settlement, 5 per cent disability, \$703.76; one case lump-sum settlement, 15 per cent disability, \$1,968.74.

⁵² One case lump-sum settlement, 20 per cent disability, \$457.92; one case lump-sum settlement, 25 per cent disability, \$2,288.12.

⁵³ One case lump-sum settlement, 21 per cent disability, \$2,840.85; one case lump-sum settlement, 25 per cent disability, \$2,778.94; one case lump-sum settlement, 25 per cent disability, \$3,518.78.

⁵⁴ One case lump-sum settlement, 70 per cent disability, \$10,181.87.

COST OF MEDICAL TREATMENT.

Table 5 shows the medical payments from the funds of the Compensation Commission for each department and important bureau or establishment. It is to be noted that this does not mean the cost of all medical treatment furnished under the compensation act, since a large part of such treatment, as required by the law, is furnished by Government medical officers and in Government hospitals where the expense is borne by that department of the Government which supports the medical service in question. This includes service by surgeons of the Public Health Service and in the many Public Health Service hospitals. It includes also the treatment furnished in the navy-yard dispensaries and in naval hospitals, and in Army dispensaries and hospitals.

Out of a total of 24,465 cases reported for 1919 medical payments were made, from the funds of the commission, in only 9,553 cases, or 39 per cent of the total number. The report for 1920 shows that out of a total of 20,736 cases medical payments were made from the funds of the Compensation Commission in 9,504 cases, or 45.8 per cent of the total number. Table 7 shows that out of a total of 16,842 cases medical payments were made from the funds of the Compensation Commission in 7,852 cases, or 45 per cent of the total number. The cumulative experience, however, for the period September, 1916, to December 31, 1921, shows that medical payments have been made in a trifle over 38 per cent of all cases finally disposed of by this commission.

The average medical expense per case in 1919 for fatal and nonfatal injuries upon which medical payments were made was \$23.95, and in nonfatal cases only the average was \$22.81. For 1920 the expenses were somewhat higher in that the average had been raised to \$32.68 in all cases and \$31.47 in nonfatal cases. For this year the average has risen to \$40.18 in all cases and \$38.11 in nonfatal cases. It must be borne in mind that these figures of average costs are significant only in a general way, as in a considerable number of cases the paid medical and hospital treatment was supplemented by Government medical and hospital services, for which no payment was made from the funds of the commission. Medical expenditures were required on 110 fatal cases out of a total number of 310 included in this report, or about 35.5 per cent of all death cases required medical expenditure, amounting to \$179.68 per case.

The amount of medical payments from the compensation fund, as shown in this table, namely, \$336,216.32, does not, as already explained, represent the cost of Government medical and hospital service under the compensation act, nor does it measure the medical

benefits received by injured employees. While the cases for which no medical expenditures are shown were on the average of less severity than those with medical payments, it is probable that the total cost to the Government of all medical and hospital service in these cases was in excess of a million dollars.

Under the Federal compensation act, medical and hospital treatment is furnished without limit if application is made to the Compensation Commission, the only test being that it is reasonably required on account of the injury.

TABLE 5.—MEDICAL PAYMENTS FOR EACH DEPARTMENT AND IMPORTANT BUREAU OR ESTABLISHMENT, CALENDAR YEAR 1921.

Department and bureau or establishment.	Number of all cases including no time lost.	Number of cases with medical payments.	Total amount of payments.	Deaths.		Nonfatal cases—Amount of payments.								Payments not otherwise classified.
				Number.	Amount.	Ambulance.	Appliances.	Hospital.	Nurse.	Physician.	Supplies.	Transportation.	X ray.	
Agriculture:														
Animal Industry.....	93	56	\$1,150.27	.....	.....	.....	\$3.75	\$210.85	.....	\$704.00	\$3.85	\$5.37	\$64.80	\$157.65
Forest service.....	273	232	11,086.69	3	\$546.20	\$5.00	51.00	2,689.37	\$28.80	5,667.15	97.17	1,137.52	352.50	511.98
Public Roads and Rural Engineering.	84	49	2,175.51	1	264.00	.....	.....	550.71	.....	1,073.22	11.05	148.38	54.15	74.15
All other.....	135	54	3,007.77	2	292.00	.....	45.50	626.23	.....	1,147.65	116.55	276.40	100.50	402.94
Total Agriculture.....	585	391	17,420.24	6	1,102.20	5.00	100.25	4,077.16	28.80	8,592.02	228.62	1,567.67	571.80	1,146.72
Commerce:														
Census Bureau.....	24	8	1,671.89	.....	.....	.....	.....	128.25	80.00	851.88	.....	218.51	16.00	377.25
Lighthouse Bureau.....	116	28	1,460.44	1	60.00	10.00	.....	227.00	.....	328.50	9.37	62.77	47.00	715.80
All other.....	73	23	801.93	.....	.....	.....	27.50	303.00	.....	310.50	.....	44.43	34.50	82.00
Total Commerce.....	213	59	3,934.26	1	60.00	10.00	27.50	658.25	80.00	1,490.88	9.37	325.71	97.50	1,175.05
Government Printing Office.....	83	11	693.42	.....	.....	.....	.....	62.00	419.50	.....	.....	2.92	61.50	10.00
Interior:														
Indian Affairs.....	132	95	6,377.17	2	895.48	.....	.....	1,934.82	4.50	1,672.50	92.30	540.02	87.50	1,150.05
Reclamation Service.....	572	428	14,132.10	3	393.25	5.00	230.74	3,179.48	178.00	8,232.90	208.47	550.16	643.50	510.60
All other.....	149	97	5,375.49	1	586.00	6.00	41.05	686.86	94.70	2,632.27	6.75	291.28	150.00	880.58
Total Interior.....	853	620	25,884.76	6	1,874.73	11.00	271.79	5,801.16	277.20	12,537.67	307.52	1,381.46	881.00	2,541.23
Labor.....	106	15	1,522.86	.....	.....	3.00	15.00	837.10	.....	154.00	7.50	224.09	52.50	229.70
Navy:														
Yards—														
Boston.....	464	93	1,988.27	.....	.....	.....	31.00	582.50	.....	724.50	.....	168.45	247.32	234.50
Bremerton.....	206	6	172.90	.....	.....	.....	7.75	79.75	.....	20.00	.....	17.90	7.50	40.00
Charleston.....	59	6	42.06	.....	.....	.....	.....	.....	.....	38.00	.....	4.06	.....	.....
Mare Island.....	146	13	1,573.66	.....	.....	.....	208.50	1,057.50	.....	203.50	.....	38.51	26.00	39.65
New York.....	531	78	8,768.69	3	687.80	5.00	292.65	3,844.72	354.00	2,452.00	.....	100.96	491.63	539.93
Norfolk.....	129	22	147.71	.....	.....	.....	7.50	.....	.....	68.00	.....	72.21	.....	.....
Philadelphia.....	629	211	9,609.28	5	240.80	15.00	220.26	5,746.80	.....	2,121.00	3.96	95.71	1,139.75	26.00

Portsmouth.....	36	6	88.17				3.00	25.85		44.00		15.32		
Washington.....	130	47	2,804.81	1	36.00		85.00	1,860.75		225.00		10.06	410.00	178.00
Total yards.....	2,330	482	25,195.55	9	964.60	20.00	855.66	13,197.87	354.00	5,896.00	3.96	523.18	2,322.20	1,058.08
Stations—														
Alexandria.....	5	2	29.00											29.00
Cavite.....	15	1	25.00											25.00
Key West.....	2	1	443.86					125.20				129.41	29.50	159.75
Newport.....	49	9	244.00					104.00		121.00				19.00
Olongapo.....	29	1	15.15				3.00			125.00				12.15
Pensacola.....	20	7	307.00					142.00		125.00			40.00	
Proving grounds.....	40	19	1,375.13	1	14.00		16.50	895.25	294.00	39.00		30.88	85.50	
Marine Corps.....	12	1	12.00					4.00					8.00	
Ordnance (other than yards).....	99	42	2,011.18			5.00	7.50	1,535.50		191.00		23.68	238.50	10.00
Supplies and Accounts (other than yards).....	81	17	1,462.61				125.05	911.66		75.00		71.02	38.00	241.88
All other.....	216	30	2,570.70	2	21.50		25.60	250.95		1,057.50		170.29	64.50	980.36
Total other Navy.....	568	130	8,495.63	3	35.50	5.00	177.65	3,968.56	294.00	1,608.50		425.28	504.00	1,477.14
Total Navy Department.....	2,898	612	33,691.18	12	1,000.10	25.00	1,033.31	17,166.43	648.00	7,504.50	3.96	948.46	2,826.20	2,535.22
Post Office:														
City Mail Service (indoor).....	1,371	519	20,871.48	4	2,491.80	7.00	210.20	4,425.58	209.00	8,762.40	25.43	214.33	808.85	3,716.89
City Mail Service (outdoor).....	2,418	1,066	30,825.52	8	2,114.75	63.20	320.21	6,862.14	105.00	15,028.80	104.30	459.61	2,758.10	3,010.41
Railway Mail Service.....	658	278	13,345.26	5	1,718.63	15.00	199.29	2,833.48		5,476.00	10.80	309.93	430.55	2,351.58
Rural Free Delivery.....	210	162	12,343.11	4	1,085.40	2.50	77.90	2,516.11	155.34	5,911.31	53.89	972.35	655.15	913.16
Aerial Service.....	101	83	5,178.63	13	2,741.14		5.25	727.08		1,536.00		1.86	146.30	21.00
Total Post Office.....	4,758	2,108	82,565.00	34	10,151.72	87.70	812.85	17,364.39	469.34	36,714.51	194.42	1,958.08	4,798.95	10,013.04
Treasury:														
Custodian.....	100	50	1,561.30	1	14.00		22.00	313.45		1,114.13	1.60	6.75	45.50	43.87
Customs.....	95	39	1,635.04			20.00	6.00	697.70	39.00	670.50	2.50	68.73	96.00	34.61
Bureau of Engraving and Printing.....	269	23	1,854.66	1	602.37		29.50	624.74		405.00	7.00	26.80	62.50	96.75
Internal Revenue.....	98	26	4,353.22	5	904.99	5.00	30.00	584.07	100.00	1,134.00		146.75	81.00	1,367.41
Public Health Service.....	119	30	1,098.85	1	60.00		64.73	422.48		315.00	.75	115.14	15.00	105.75
Veterans' Bureau.....	64	22	1,454.16	2	93.00		17.25	929.35		257.00		41.66	50.00	65.90
All other.....	174	53	1,903.03				30.50	600.14		701.34		23.65	211.50	335.90
Total Treasury.....	919	243	13,860.26	10	1,674.36	25.00	199.98	4,171.93	139.00	4,596.97	11.85	429.48	561.50	2,050.19
War:														
Ordnance—Arsenals and armory—														
Augusta.....	7	6	211.25					23.00		178.25			10.00	
Benicia.....	5	1	5.00										5.00	
Edgewood.....	262	160	995.87	2	14.00		12.00	720.14		86.00		7.28		156.45
Frankford.....	67	42	2,111.90	1	115.00			515.50		976.50		11.75	144.70	348.45
Picatinny.....	120	60	1,342.61					194.75		1,097.50		21.87	22.00	6.49
Rock Island.....	188	101	3,717.08				2.75	784.35		2,482.00		79.99	193.75	174.24

TABLE 5.—MEDICAL PAYMENTS FOR EACH DEPARTMENT AND IMPORTANT BUREAU OR ESTABLISHMENT, CALENDAR YEAR 1921—Continued.

Department and bureau or establishment.	Number of all cases including no time lost.	Number of cases with medical payments.	Total amount of payments.	Deaths.		Nonfatal cases—Amount of payments.								Payments not otherwise classified.
				Number.	Amount.	Ambulance.	Appliances.	Hospital.	Nurse.	Physician.	Supplies.	Transportation.	X ray.	
War—Continued.														
Ordnance—Arsenals and armory—Continued.														
San Antonio.....	10	8	\$76.14	.....	.....	.....	.....	\$8.99	.....	\$35.00	.....	\$3.15	\$25.00	\$4.00
Springfield armory.....	56	28	1,128.05	.....	.....	\$4.00	\$32.70	850.50	.....	134.00	\$0.85	.....	106.00	.....
Watertown.....	93	64	2,254.90	.....	.....	6.00	64.50	662.00	.....	1,025.00	1.50	91.90	348.00	56.00
Watervliet.....	67	45	1,596.90	.....	.....	.....	10.00	694.52	.....	683.50	.....	48.88	160.00	.....
Manila.....	2	2	43.38	.....	.....	.....	.....	43.38	.....	.....	.....	.....	.....	.....
Raritan.....	42	17	850.12	.....	.....	.....	.....	509.05	.....	189.00	14.75	33.69	10.00	93.63
Tullytown.....	17	16	880.00	.....	.....	.....	10.00	202.00	.....	639.00	.....	.....	20.00	9.00
Total arsenals and armory.....	936	550	15,213.20	3	\$129.00	10.00	131.95	5,208.18	.....	7,525.75	17.10	298.51	1,044.45	848.26
Other Ordnance—														
Supply Depots.....	345	148	7,199.44	1	3.00	5.00	76.37	3,105.69	.....	2,756.90	4.50	451.47	367.50	429.01
Proving grounds.....	115	26	678.53	.....	.....	.....	.....	245.69	.....	273.00	.....	68.59	90.00	1.25
All other.....	260	245	7,318.27	1	373.25	.....	230.55	1,854.83	\$5.00	4,181.16	14.52	166.51	346.00	146.45
Total other Ordnance.....	720	419	15,196.24	2	376.25	5.00	306.92	5,206.21	5.00	7,211.06	19.02	686.57	803.50	576.71
Total all Ordnance.....	1,656	969	30,409.44	5	505.25	15.00	438.87	10,414.39	5.00	14,736.81	36.12	985.08	1,847.95	1,424.97
Engineer.....	2,043	1,277	39,169.38	13	540.75	122.00	532.74	10,326.85	204.50	22,833.53	146.27	1,210.40	2,162.50	1,089.84
Quartermaster—														
Army transport service.....	81	23	2,031.31	.....	.....	5.00	73.00	727.87	.....	882.95	.....	35.76	57.50	249.23
Supply depots.....	1,080	571	10,125.59	7	253.56	5.00	326.40	3,045.93	.....	4,251.75	13.45	520.66	1,115.15	593.69
All other.....	371	168	8,106.52	2	83.51	.....	332.05	3,427.59	77.50	1,868.46	86.08	308.82	281.37	1,641.14
Total quartermaster.....	1,532	762	20,263.42	9	337.07	10.00	731.45	7,201.39	77.50	7,003.16	99.53	865.24	1,454.02	2,484.06
Other war—														
Aircraft Service.....	372	198	7,997.71	3	1,583.90	.....	22.75	1,396.32	.....	4,366.39	1.70	35.74	470.35	120.56
Motor Transport Corps.....	87	76	356.55	1	56.75	.....	3.50	133.83	.....	60.00	.....	87.47	15.00	.....

Mississippi-Warrior River Service.....	42	18	280.10				123.50		84.50		1.60	70.50		
All other.....	72	12	1,258.72			11.04	193.53		760.00		135.01	16.00	143.14	
Total other war.....	573	304	9,893.08	4	1,640.65	37.29	1,847.18		5,270.89	1.70	259.82	571.85	263.70	
Total War Department.....	5,804	3,312	99,735.32	31	3,023.72	147.00	1,740.35	29,789.81	287.00	49,844.39	283.62	3,320.54	6,036.32	5,262.57
Miscellaneous:														
National Home for Disabled Volunteer Soldiers.....	111	9	174.61				29.50		76.00	1.50	67.61			
United States Shipping Board.....	239	115	5,982.33	8	610.94	5.00	76.75	2,239.18	8.80	1,902.65	5.35	153.61	506.50	473.55
District government.....	132	3	41.35							12.00		19.35	10.00	
All other.....	52	19	16,529.95	2	267.35	22.00	571.22	4,104.92	80.00	7,598.00	37.50	1,256.29	816.50	1,776.17
Total miscellaneous.....	534	146	22,728.24	10	878.29	27.00	647.97	6,373.60	88.80	9,588.65	44.35	1,496.86	1,333.00	2,249.72
Grand total.....	16,753	7,517	302,035.57	110	19,765.12	340.70	4,911.00	86,659.33	2,018.14	131,161.09	1,091.21	11,655.27	17,220.27	27,213.44

¹ Of this amount, \$13,140.14 is for 328 cases which were counted in previous reports.

NOTE.—Permanent total disabilities have not been considered as closed cases, and the amounts have not been included in this table.

Table 5 is immediately followed by a summary, Table 6, which gives the complete distribution of medical payments, as to nature of disability and kind of awards, for the period September 7, 1916, to December 31, 1921. This is a revised statement and includes payments made in the previous annual reports and additional medical payments which were made upon cases included in said reports. This information is taken from payments made up to June 30, 1922. In addition to the medical payments shown in Table 7, amounting to \$336,216, there is being carried over, on cases that are incomplete and are therefore not included in these tables, medical payments amounting to over \$424,000.

Following this summary of over five years' experience is the table showing payments upon cases closed during 1921, including all payments for medical treatment made upon these cases up to June 30, 1922.

It should be borne in mind that no comparison can be made between the medical costs under the Federal compensation act and those under State compensation laws. The expenditures here shown for medical and hospital treatment are necessarily incomplete, inasmuch as a very large number of cases receive treatment in dispensaries and in Public Health Service hospitals. To a small extent, also, cases have been treated in Army and Navy hospitals. The amount of this service is a charge against appropriations of other departments of the Government and is largely in excess of that which is paid for out of the compensation fund.

TABLE 6.—MEDICAL PAYMENTS ON ALL CASES INCLUDED IN ANNUAL REPORTS FROM SEPTEMBER 7, 1916, TO DECEMBER 31, 1921.

	Number of all cases, including no time lost.	Number of cases with medical payments.	Total amount of payments.	Amount of payments.								Payments not otherwise classified.
				Ambulance.	Appliances.	Hospital.	Nurse.	Physician.	Supplies.	Transportation.	X ray.	
Compensated cases:												
Temporary total disability	42,998	18,333	\$654,969.04	\$1,278.15	\$3,484.81	\$225,491.34	\$4,336.76	\$331,549.16	\$4,105.30	\$17,218.08	\$32,168.30	\$35,337.14
Permanent partial disability	2,313	1,389	156,438.61	166.00	8,126.96	58,673.46	1,316.90	64,853.91	867.14	7,829.30	3,949.85	10,655.09
Total	45,311	19,722	811,407.65	1,444.15	11,611.77	284,164.80	5,653.66	396,403.07	4,972.44	25,047.38	36,118.15	45,992.23
Noncompensated cases:												
Covered by leave—												
Temporary total disability	10,428	2,940	74,841.28	194.50	562.64	18,770.34	579.50	40,043.99	623.67	1,985.35	5,572.80	6,508.49
Permanent partial disability	168	75	5,043.05	3.00	352.20	1,019.91	101.50	2,999.70	9.66	241.68	107.00	208.40
Total covered by leave	10,596	3,015	79,884.33	197.50	914.84	19,790.25	681.00	43,043.69	633.33	2,227.03	5,679.80	6,716.89
No claim filed—												
Temporary total disability	7,692	1,160	14,880.77	51.00	18.60	5,438.19	40.50	7,611.48	142.00	160.21	1,091.62	327.17
Permanent partial disability	64	13	239.08	.....	.....	130.58	.....	99.50	4.00	.....	5.00	.....
Total no claim filed	7,756	1,173	15,119.85	51.00	18.60	5,568.77	40.50	7,710.98	146.00	160.21	1,096.62	327.17
No time lost	18,375	8,653	57,965.83	28.25	522.85	8,405.40	98.80	41,297.16	391.67	779.32	4,470.70	1,971.68
Under 3 days—												
Temporary total disability	12,867	2,682	21,268.15	88.00	136.60	3,545.72	18.50	13,933.20	147.88	555.14	2,344.25	498.86
Permanent partial disability	40	16	331.77	.....	.....	47.50	.....	268.45	.....	3.82	.....	12.00
Total under 3 days	12,907	2,698	21,599.92	88.00	136.60	3,593.22	18.50	14,201.65	147.88	558.96	2,344.25	510.86
Total noncompensated cases	49,634	15,539	174,569.93	364.75	1,592.89	37,357.64	838.80	106,253.48	1,318.88	3,725.52	13,591.37	9,526.60
Fatal	1,985	446	59,819.94	270.13	170.75	9,761.71	1,832.37	26,287.46	319.06	1,641.13	985.50	18,551.83
Permanent total disability	170	126	62,436.40	31.00	1,809.08	25,071.51	9,107.49	11,964.78	414.62	3,461.53	609.00	9,967.39
All other medical payments .....	.....	1,362	53,772.77	117.00	1,222.27	19,849.30	565.57	21,179.95	578.54	2,586.58	3,201.39	4,472.17
Grand total	97,100	37,195	1,162,006.69	2,227.03	16,406.76	376,204.96	17,997.89	562,088.74	7,603.54	36,462.14	54,505.41	88,510.22

¹ Four permanent partial disability cases included.

NOTE.—The above is the revised medical statement covering period from September, 1916, to Dec. 31, 1921. All medical payments made upon cases included in reports to this date are included in this table up to June 30, 1922.

TABLE 7.—SUMMARY OF MEDICAL PAYMENTS ON ALL CASES, CALENDAR YEAR 1921.

	Number of all cases, including no time lost.	Number of cases with medical payments.	Total amount of payments.	Amount of payments.								Pay-ments not otherwise classified.
				Ambu-lance.	Appli-ances.	Hospital.	Nurse.	Physician.	Supplies.	Trans-portation.	X ray.	
Compensated cases:												
Temporary total disability.....	6,502	3,106	\$160,728.82	\$226.20	\$943.88	\$51,339.68	\$1,435.34	\$75,370.84	\$420.00	\$5,048.42	\$9,738.35	\$16,206.11
Permanent partial disability.....	498	312	52,875.38	28.00	2,832.96	21,406.04	186.50	16,985.70	216.30	3,442.78	1,828.55	5,948.55
Total.....	7,000	3,418	213,604.20	254.20	3,776.84	72,745.72	1,621.84	92,356.54	636.30	8,491.20	11,566.90	22,154.66
Noncompensated cases:												
Covered by leave—												
Temporary total disability.....	2,730	901	23,751.59	34.50	188.44	5,947.44	259.50	12,236.35	284.05	788.13	1,942.00	2,071.18
Permanent partial disability.....	46	19	1,078.21	.....	146.80	223.40	.....	388.50	.....	175.26	10.00	134.25
Total covered by leave.....	2,776	920	24,829.80	34.50	335.24	6,170.84	259.50	12,624.85	284.05	963.39	1,952.00	2,205.43
No claim filed—												
Temporary total disability.....	518	142	1,816.23	5.00	4.40	648.16	.....	902.45	5.90	4.95	175.87	69.50
Permanent partial disability.....	12	4	167.17	.....	.....	112.42	.....	52.50	2.25	.....	.....	.....
Total no claim filed.....	530	146	1,983.40	5.00	4.40	760.58	.....	954.95	8.15	4.95	175.87	69.50
No time lost.....	¹ 3,944	2,048	16,299.27	.....	169.30	1,423.78	20.80	12,287.05	104.75	309.89	1,387.25	596.45
Under 3 days—												
Temporary total disability.....	2,186	724	6,743.30	15.00	18.00	685.21	6.00	4,847.20	16.25	317.84	644.50	193.30
Permanent partial disability.....	7	5	136.32	.....	.....	25.50	.....	95.00	.....	3.82	.....	12.00
Total under 3 days.....	2,193	729	6,879.62	15.00	18.00	710.71	6.00	4,942.20	16.25	321.66	644.50	205.30
Total noncompensated cases.....	9,443	3,843	49,992.09	54.50	526.94	9,065.91	286.30	30,809.05	413.20	1,599.89	4,159.62	3,076.68
Fatal.....	310	110	19,765.12	94.50	164.00	2,744.14	429.25	7,295.95	92.14	141.24	495.00	8,308.90
Permanent total disability.....	89	65	34,180.75	6.00	830.37	13,104.67	3,709.32	4,899.23	278.50	1,594.30	456.50	9,301.86
All other medical payments.....		146	18,674.16	32.00	607.22	4,847.70	110.00	7,864.00	41.71	1,564.18	1,493.75	2,113.60
Grand total.....	16,842	7,582	336,216.32	441.20	5,905.37	102,508.14	6,156.71	143,224.77	1,461.85	13,390.81	18,171.77	44,955.70

¹ Included in this item are 8 cases of permanent partial disability, 7 dismemberments, and 1 loss of function, which were trivial cases.

DURATION OF DISABILITY AND AWARDS FOR PERMANENT PARTIAL DISABILITIES.

Table 8 shows the duration, the amount of compensation paid, and the wage loss in permanent partial disabilities according to the location of injury. The table is in two parts, showing separately dismemberments and loss of function of the member. The table also distinguishes cases in which infection occurred.

Some opportunity of judging in regard to adequacy of compensation in permanent partial disabilities is here afforded, as well as a showing of the increase in awards. For instance, it will be noted that in the annual report for 1920 on dismemberments the average award for the loss of an eye was \$206.98. Included in that report were two lump-sum settlements for a 10 per cent disability amounting to \$2,045.27 and a 25 per cent disability amounting to \$2,840.10. This report shows the accumulated experience for lump-sum settlements numbering 16, or an increase of 14 cases. Fourteen of these lump-sum settlements were for 25 per cent disability each, the award ranging from \$1,614 to \$3,636; one was for 40 per cent disability, with an award of \$5,157.70. This 40 per cent was on account of partial loss of vision of the other eye. The average award in 97 cases of loss of one eye was \$585.91. The numerous cases of serious permanent partial disability with low compensation are due to reemployment after the healing period without any decrease in rate of pay.

Referring to the experience as shown in the last report for the loss of a left hand, it will be noted that the average award up to and including 1920 was \$530.94. This year there has been added but one case, but on account of this being a lump-sum settlement of \$5,669, the average award is raised to \$1,406.57. The same marked difference is shown in the experience of the right hand. The 1920 report showed an average award of \$559.89, which was increased in 1921 to \$1,450.45. This increase is due to the fact that of the four additional awards made two of them were lump-sum settlements amounting to over \$13,500. Quite a number of the principal awards are largely affected by the payment of a lump sum. While the compensation act makes no provision for specific awards in cases of permanent partial disability, the loss of earning capacity may be determined by the commission and a settlement made upon that basis.

In order that the adequacy of the provisions of the act may be fairly considered, it is necessary to briefly summarize the provisions of the law applied to permanent partial disabilities.

The Federal compensation act provides for compensation in the case of permanent partial disabilities—

(1) During total disability compensation at the rate of two-thirds of the wage at the time of injury, with a maximum compensation of \$66.67 a month.

(2) During partial disability, compensation at the rate of two-thirds of the difference between the monthly pay at the time of the injury and the monthly wage-earning capacity after the beginning of partial disability. To assist in determining earning capacity, the commission may require the employee to make affidavit from time to time as to his earnings.

(3) If a partially disabled employee refuses to seek suitable work, or refuses or neglects to work when suitable work is offered, no compensation can be paid during such period of refusal.

(4) The wage at the time of injury in all cases controls the rate of compensation, except for minors or persons employed in a learner's capacity, for whom an increase may be assumed from time to time according to the probable increase in wage-earning capacity. Also, in the case of aged claimants a decrease may be assumed after a time, based on probable decrease in wage-earning capacity.

The basis of the compensation under this law in the case of permanently partially disabled employees is, then, decrease in earning capacity as compared with wages at the time of injury. In practice the permanently disabled employee is considered entitled to monthly compensation so long as there is loss of wages due to injury. If there is no wage loss, no compensation is paid even though there be a serious permanent disability, such as the loss of a hand, a foot, or an eye. The mere physical result of the injury is not compensated, since there is no provision for the payment of a fixed amount or for fixed periods in case of dismemberment or other permanent disability.

Earning capacity is judged by the commission according to the circumstances of the individual case. As a general rule, if the employee is or has been working, his actual wage is taken for the purposes of determining the current disability compensation. This rule has been applied to the great majority of cases. If the employee is deemed able to do some work but has failed to secure it after a reasonable time, then the present earning capacity has been estimated by the commission, taking into consideration all of the circumstances. This applies to a few cases only. If in the judgment of the commission a lump-sum settlement is best in the interest of the employee or for administrative reasons, then necessarily earning capacity has been estimated according to the commission's judgment of the probable average earning capacity during life, taking into consideration all of the circumstances. This method also has been applied to a few cases only.

This table includes all permanent partial disability awards made by this commission which have been closed either by lump-sum

settlement or where injured workmen have returned to work at the former wage, when the case is for the time being closed.

Particular attention should be called to the total amount of awards including all lump-sum settlements as compared with the wage loss. Referring to the table of dismemberments it will be noted that the award for compensation was \$369,338, and that the wage loss on these same cases amounted to \$382,388. This wage loss does not take into account the wage loss during the period covered by the lump-sum settlements, consequently to this degree it is incomplete; but even at that it shows that the injured workmen have not been paid the total amount of their wage loss, to say nothing of the suffering and loss of the members as shown in this table. By referring to the table of loss of function, we find that the total compensation amounted to about \$712,361, while the wage loss in these same cases amounted to \$768,513.

Under the table headed "Loss of function," there is listed one special case which was an amputation of forearm and loss of use of other arm and hand. On account of this being such a particularly marked case, it was deemed advisable to list it separately, and it was rated at 70 per cent disability.

TABLE 8.—PERMANENT PARTIAL DISABILITIES, BY LOCATION OF DISABILITY, OCCURRING SEPTEMBER 7, 1916, TO DECEMBER 31, 1921, AND CLOSED BEFORE DECEMBER 31, 1921.

DISMEMBERMENTS (INCLUDING SURGICAL AMPUTATIONS).

Duration in this table includes partial disability, if any, as well as total disability, partial-disability days having been reduced to equivalent days of total disability. The small figures at the left in certain columns show number of cases of infection. In cases where lump-sum settlement has been made the wage loss given here covers only the period for which monthly compensation was paid before the lump-sum settlement.]

Member injured.	Number.	Average days' duration.	Award.	Average award.		Wage loss, all cases.	Number of non-compensated cases.	
				All cases.	Cases of infection.			
Eye.....	28	97	113	\$56,833.75	\$585.91	\$991.31	\$40,019.56	8
Eyes.....	1	851	7,038.82	7,038.82			2,979.00	
Ear, external.....	1	28						1
Breast.....	1	2	49	157.80	78.90	157.80	332.64	1
Testicles.....	1	1	230	493.36	493.36		920.00	
Arm at shoulder, right.....	1	1		b 3,193.47	3,193.47			
Arm at shoulder, left.....	1	5	535	c 18,341.86	3,668.37	42.47	9,581.84	
Forearm, right.....	1	5	132	d 5,058.78	1,011.76	257.79	2,275.54	1
Forearm, left.....	2	2	376	1,240.24	620.12		2,603.24	
Hand, right.....	2	16	208	e 23,207.25	1,450.45	1,976.92	11,608.07	

a One case lump-sum settlement, 25 per cent disability, \$2,154.24; one case lump-sum settlement, 25 per cent disability, \$2,288.34; one case lump-sum settlement, 25 per cent disability, \$3,305.57; one case lump-sum settlement, 25 per cent disability, \$2,721.94; one case lump-sum settlement, 25 per cent disability, \$3,305.57; one case lump-sum settlement, 25 per cent disability, \$3,636.38; one case lump-sum settlement, 25 per cent disability, \$2,834.54; one case lump-sum settlement, 25 per cent disability, \$2,480.53; one case lump-sum settlement, 25 per cent disability, \$1,682.09; one case lump-sum settlement, 25 per cent disability, \$2,288.34; one case lump-sum settlement, 25 per cent disability, \$2,224.22; one case lump-sum settlement, 25 per cent disability, \$1,614.88; one case lump-sum settlement, 10 per cent disability, \$1,407.44 one case lump-sum settlement, 25 per cent disability, \$1,953.50; one case lump-sum settlement, 25 per cent disability, \$2,380.90; one case lump-sum settlement, 40 per cent disability, \$5,157.70.

b One case lump-sum settlement, 50 per cent disability, \$3,193.47.

c One case lump-sum settlement, 40 per cent disability, \$5,818.21; one case lump-sum settlement, 50 per cent disability, \$7,377.57.

d One case lump-sum settlement, 40 per cent disability, \$3,868.08.

e One case lump-sum settlement, 45 per cent disability, \$6,186.54; one case lump-sum settlement, 50 per cent disability, \$7,326.37; one case lump-sum settlement, 45 per cent disability, \$3,319.37.

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TABLE 8.—PERMANENT PARTIAL DISABILITIES, BY LOCATION OF DISABILITY, OCCURRING SEPTEMBER 7, 1916, TO DECEMBER 31, 1921, AND CLOSED BEFORE DECEMBER 31, 1921—Continued.

DISMEMBERMENTS (INCLUDING SURGICAL AMPUTATIONS)—continued.

Member injured.	Number.	Average days' duration.	Award.	Average award.		Wage loss, all cases.	Number of non-compensated cases.	
				All cases.	Cases of infection.			
Hand, left.....	7	289	<i>a</i> \$9,845.99	\$1,406.57		\$6,985.24		
Metacarpal, one, left.....	1	1,078	<i>b</i> 3,336.96	3,336.96	\$3,336.96	8,224.00		
Thumb, n. o. c., right.....	2	29	113.34	56.67		336.50		
Thumb, n. o. c., left.....	1	79	286.26	143.13	126.68	522.52		
Thumb, distal phalanx, right.....	12	55	<i>c</i> 5,788.34	105.24	268.39	10,308.98	9	
Thumb, distal phalanx, left.....	9	57	<i>d</i> 4,590.83	80.54	287.08	6,354.90	8	
Thumb, proximal phalanx, right.....	15	59	<i>e</i> 4,888.86	325.92		3,351.02	1	
Thumb, proximal phalanx, left.....	8	75	653.91	81.74		1,007.78	2	
Index finger, n. o. c., right.....	7	42	510.79	72.97		1,182.92	1	
Index finger, n. o. c., left.....	3	6	59	<i>f</i> 2,635.73	439.29	819.31	1,402.89	
Index finger, distal phalanx, right.....	15	109	35	6,000.23	55.05	69.26	12,285.81	1
Index finger, distal phalanx, left.....	19	92	33	4,939.29	53.69	127.12	11,066.47	19
Index finger, middle phalanx, right.....	4	29	40	1,772.48	61.12	108.86	3,431.97	4
Index finger, middle phalanx, left.....	2	18	79	2,545.99	141.44	74.18	3,902.05	3
Index finger, proximal phalanx, right.....	12	30	80	<i>g</i> 4,952.16	165.07	30.04	8,438.06	2
Index finger, proximal phalanx, left.....	2	25	47	<i>h</i> 2,940.71	117.63	281.77	4,482.10	3
Middle finger, n. o. c., right.....	5	6	117	1,070.18	178.36	210.92	2,268.83	1
Middle finger, n. o. c., left.....	1	3	46	166.12	55.37	44.45	427.68	
Middle finger, distal phalanx, right.....	9	112	37	<i>i</i> 6,873.07	61.37	166.56	15,024.26	1
Middle finger, distal phalanx, left.....	4	97	28	4,337.90	44.72	172.23	10,275.76	1
Middle finger, middle phalanx, right.....	5	19	47	1,490.94	78.47	100.39	3,338.00	5
Middle finger, middle phalanx, left.....	1	19	34	1,172.15	61.69	57.34	2,643.50	1
Middle finger, proximal phalanx, right.....	5	10	111	2,024.64	202.46	247.40	3,952.23	1
Middle finger, proximal phalanx, left.....	3	10	80	1,222.70	122.27	185.38	2,008.29	2
Ring finger, n. o. c., right.....	1	2	33	131.12	65.56	131.12	286.00	1
Ring finger, n. o. c., left.....	3	70	440.03	14.67		1,160.85		
Ring finger, distal phalanx, right.....	9	57	38	3,195.56	56.06	71.03	6,179.88	1
Ring finger, distal phalanx, left.....	4	48	32	2,183.99	45.48	79.24	5,267.15	11
Ring finger, middle phalanx, right.....	5	39	217.41	43.48		612.76	1	
Ring finger, middle phalanx, left.....	8	50	670.88	83.86		1,632.74	3	
Ring finger, proximal phalanx, right.....	4	10	81	1,421.91	142.19	293.89	2,413.89	1
Ring finger, proximal phalanx, left.....	1	10	31	551.56	55.16	53.34	1,042.66	
Little finger, n. o. c., right.....	1	5	37	361.78	72.36	146.67	738.40	1
Little finger, distal phalanx, right.....	5	49	28	2,109.71	43.06	67.84	4,744.74	1
Little finger, distal phalanx, left.....	2	44	23	1,630.29	37.05	190.40	4,224.25	14
Little finger, middle phalanx, right.....	8	21	56	<i>j</i> 2,298.31	109.44	80.00	3,749.79	3
Little finger, middle phalanx, left.....	2	12	38	<i>k</i> 1,552.63	129.39	95.57	1,621.28	1
Little finger, proximal phalanx, right.....	3	21	61	1,826.74	86.99	71.87	3,831.41	2
Little finger, proximal phalanx, left.....	2	11	37	572.43	52.04	76.95	1,020.70	1
Thumb and one finger, right.....	13	46	<i>l</i> 4,567.79	351.37		2,273.73	4	
Thumb and one finger, left.....	1	6	83	<i>m</i> 2,269.81	378.30	1,748.37	2,055.72	
Thumb and two or more fingers, right.....	9	80	<i>n</i> 7,297.88	810.88		2,142.33	1	
Thumb and two or more fingers, left.....	2	9	63	1,007.56	111.95	145.56	2,136.72	
Two fingers, right.....	4	90	59	<i>o</i> 21,375.58	237.51	201.28	21,306.68	12
Two fingers, left.....	6	54	52	4,538.18	83.95	114.36	10,684.89	1
Three fingers, right.....	4	29	105	<i>p</i> 15,056.52	519.19	52.00	9,824.69	2
Three fingers, left.....	1	11	169	4,800.35	436.39	58.89	4,995.40	
Four fingers, right.....	9	110	1	1,584.25	176.03		2,772.93	
Four fingers, left.....	9	81	1	412.37	156.93		3,047.89	

a One case lump-sum settlement, 50 per cent disability, \$5,669.09.*b* One case lump-sum settlement, 10 per cent disability, \$941.25.*c* One case lump-sum settlement, 10 per cent disability, \$1,176.36.*d* One case lump-sum settlement, 20 per cent disability, \$1,828.51.*e* One case lump-sum settlement, 30 per cent disability, \$3,124.24.*f* One case lump-sum settlement, 25 per cent disability, \$2,011.82.*g* One case lump-sum settlement, 5 per cent disability, \$697.28.*h* One case lump-sum settlement, 8 per cent disability, \$813.67.*i* One case lump-sum settlement, 3 per cent disability, \$418.37.*j* One case lump-sum settlement, 4 per cent disability, \$435.51.*k* One case lump-sum settlement, 5 per cent disability, \$756.44.*l* One case lump-sum settlement, 25 per cent disability, \$3,549.98.*m* One case lump-sum settlement, 10 per cent disability, \$1,352.79.*n* One case lump-sum settlement, 25 per cent disability, \$1,947.92; one case lump-sum settlement, 30 per cent disability, \$4,101.80.*o* One case lump-sum settlement, 7 per cent disability, \$565.96; one case lump-sum settlement, 6 per cent disability, \$741.45; one case lump-sum settlement, 8 per cent disability, \$1,163.64; one case lump-sum settlement, 5 per cent disability, \$349.94; one case lump-sum settlement, 15 per cent disability, \$2,071.78; one case lump-sum settlement, 25 per cent disability, \$3,135.76; one case lump-sum settlement, 5 per cent disability, \$703.76; one case lump-sum settlement, 18 per cent disability, \$2,486.14.*p* One case lump-sum settlement, 50 per cent disability, \$6,763.94; one case lump-sum settlement, 17 per cent disability, \$2,472.74; one case lump-sum settlement, 15 per cent disability, \$1,657.65; one case lump-sum settlement, 25 per cent disability, \$992.65.

TABLE 8.—PERMANENT PARTIAL DISABILITIES, BY LOCATION OF DISABILITY, OCCURRING SEPTEMBER 7, 1916, TO DECEMBER 31, 1921, AND CLOSED BEFORE DECEMBER, 31, 1921—Continued.

DISMEMBERMENTS (INCLUDING SURGICAL AMPUTATIONS)—continued.

Member injured.	Number.	Average days' duration.	Award.	Average award.		Wage loss, all cases.	Number of non-compensated cases.
				All cases.	Cases of infection.		
Thigh.....	7 11	210	<i>a</i> \$18,320.88	\$166.55	\$1,724.45	\$7,595.25	1 1
Leg.....	8 27	336	<i>b</i> 36,526.74	1,352.84	706.84	29,894.19	2
Foot, n. o. c.....	2 8	281	<i>c</i> 17,933.67	2,241.71	4,056.29	8,911.51	.....
Tarsals.....	1 289	626.76	626.76	626.76	.....	2,135.71	.....
Metatarsals.....	3 6	356	4,245.86	707.64	923.93	6,944.72	.....
Great toe, n. o. c.....	3 12	97	2,235.80	186.32	367.43	5,959.91	.....
Great toe, one phalanx.....	1 7	47	644.52	92.07	182.24	1,338.30	.....
Great toe, more than one phalanx.....	1 4	93	726.24	181.55	240.01	1,481.64	.....
Lesser toe, n. o. c.....	4 22	61	2,181.56	99.16	54.58	3,953.82	1
Lesser toe, one phalanx.....	3 13	38	746.51	57.42	119.88	1,632.89	1
Lesser toe, more than one phalanx.....	1 6	87	1,031.75	171.96	91.11	1,834.68	.....
Great toe and lesser toe or toes.....	4 19	80	2,661.94	140.10	182.90	5,511.44	1
Two or more lesser toes.....	8 18	161	<i>d</i> 8,661.06	481.17	488.93	11,984.22	.....
Grand total.....	242 1,569	.....	369,337.84	.....	.....	382,387.71	10 231

LOSS OF FUNCTION.

Brain.....	4 477	<i>e</i> \$4,381.17	\$1,095.29	.....	\$14,274.68	.....
Eye.....	47 191	93	<i>f</i> 89,008.12	466.01	\$1,325.10	79,282.65
Eyes.....	7 101	<i>g</i> 8,514.62	1,216.37	.....	3,088.16	3
Ear, inner.....	1 8	54	373.93	46.74	.....	1,798.85
Ears, inner.....	1 18	.....	.....	.....	9.84	1
Jaw.....	1 8	11.11	11.11	11.11	38.40	.....
Skull.....	6 142	<i>h</i> 5,905.38	984.23	.....	3,237.53	.....
Head, general.....	1 226	475.94	475.94	.....	723.00	.....
Nose.....	1 162	353.35	353.35	353.35	842.40	.....
Face, n. o. c.....	1 51	106.68	106.68	.....	277.44	.....
Neck.....	2 114	888.97	444.49	.....	1,965.76	.....
Two or more parts of face, one not clearly major injury.....	1 27	28.11	28.11	.....	49.60	.....
Vertebrae, n. o. c.....	1 3	319	1,741.34	580.45	960.45	2,692.00
Vertebrae, cervical.....	2 374	<i>i</i> 4,916.57	2,458.29	.....	5,820.00	.....
Vertebrae, lumbar.....	5 395	4,132.12	826.42	.....	6,546.13	.....
Thorax, anterior.....	1 619	1,368.97	1,368.97	.....	2,723.60	.....
Thorax, posterior, lumbar.....	17 345	<i>j</i> 16,172.99	951.35	.....	16,835.33	.....
Abdominal viscera.....	1 851	1,611.20	1,611.20	.....	4,322.00	.....
Pelvic region.....	2 160	621.44	310.72	.....	1,283.00	.....
Pelvis, n. o. c.....	5 212	<i>k</i> 4,970.82	994.16	.....	7,202.27	.....

a One case lump-sum settlement, 40 per cent disability, \$4,448.45; one case lump-sum settlement, 50 per cent disability, \$6,562.56; one case lump-sum settlement, 20 per cent disability, \$3,041.80.

b One case lump-sum settlement, 50 per cent disability, \$5,443.60; one case lump-sum settlement, 40 per cent disability, \$4,866.48; one case lump-sum settlement, 45 per cent disability, \$5,918.24; one case lump-sum settlement, 30 per cent disability, \$3,296.70.

c One case lump-sum settlement, 45 per cent disability, \$6,373.90.

d One case lump-sum settlement, 15 per cent disability, \$2,228.15; one case lump-sum settlement, 6 per cent disability, \$564.75.

e One case lump-sum settlement, 2.8 per cent disability, \$466.68.

f One case lump-sum settlement, 5 per cent disability, \$327.15; one case lump-sum settlement, 10 per cent disability, \$1,337.75; one case lump-sum settlement, 7.5 per cent disability, \$882.40; one case lump-sum settlement, 25 per cent disability, \$3,760.19; one case lump-sum settlement, 25 per cent disability, \$3,452.97; one case lump-sum settlement, 10 per cent disability, \$1,041.41; one case lump-sum settlement, 8 per cent disability, \$924.40; one case lump-sum settlement, 20 per cent disability, \$2,734.54; one case lump-sum settlement, 25 per cent disability, \$3,041.55; one case lump-sum settlement, 25 per cent disability, \$2,288.12; one case lump-sum settlement, 25 per cent disability, \$2,888.75; one case lump-sum settlement, 25 per cent disability, \$3,486.38; one case lump-sum settlement, 25 per cent disability, \$1,885.50; one case lump-sum settlement, 25 per cent disability, \$3,608.78; one case lump-sum settlement, 25 per cent disability, \$1,567.64; one case lump-sum settlement, 25 per cent disability, \$1,682.09; one case lump-sum settlement, 25 per cent disability, \$3,636.38; one case lump-sum settlement, 25 per cent disability, \$1,127.84; one case lump-sum settlement, 25 per cent disability, \$2,834.54; one case lump-sum settlement, 15 per cent disability, \$2,165.16; one case lump-sum settlement, 40 per cent disability, \$5,288.90; one case lump-sum settlement, 25 per cent disability, \$3,713.59; one case lump-sum settlement, 25 per cent disability, \$1,228.66.

g One case lump-sum settlement, 50 per cent disability, \$7,159.56.

h One case lump-sum settlement, 30 per cent disability, \$4,295.52.

i One case lump-sum settlement, 25 per cent disability, \$3,265.36.

j One case lump-sum settlement, 5 per cent disability, \$703.76; one case lump-sum settlement, 15 per cent disability, \$1,633.16; one case lump-sum settlement, 20 per cent disability, \$2,514.25.

k One case lump-sum settlement, 10 per cent disability, \$1,381.19.

TABLE 8.—PERMANENT PARTIAL DISABILITIES, BY LOCATION OF DISABILITY, OCCURRING SEPTEMBER 7, 1916, TO DECEMBER 31, 1921, AND CLOSED BEFORE DECEMBER 31, 1921—Continued.

Member injured.	Number.	Average days' duration.	Award.	Average award.		Wage loss, all cases.	Number of non-compensated cases.
				All cases.	Cases of infection.		
Anus, rectum, or perineum.....	1	121	\$200.76	\$200.76		\$316.80	
Penis.....	1	98	211.12	211.12	\$211.12	326.36	
Testicles.....	1	4	50	334.46	83.62	608.21	1
Hernia, inguinal.....	2	4	200	1,533.57	383.39	3,794.47	
Sacro iliac joint.....	5	349	a 6,212.88	1,242.58	154.52	6,735.94	1
Urethra.....	1	273	584.47	584.47		1,747.20	
Scapula.....	4	250	1,813.83	453.45		3,720.80	
Clavicle.....	8	215	3,042.21	380.28		6,244.34	1
Shoulder joint, right.....	17	305	b 21,153.24	1,244.31		19,227.30	2
Shoulder joint, left.....	1	124	266.40			438.00	
Shoulder, general, right.....	10	73	c 3,135.76	313.58		2,136.60	
Shoulder, general, left.....	10	353	d 13,017.19	1,301.72		13,884.04	
Arm, right.....	2	179	3,076.83	1,538.42		1,161.95	1
Arm, left.....	1	3	111	e 6,189.49	2,063.16	1,658.65	
Upper arm, right.....	3	190	1,171.73	390.58		2,845.04	
Upper arm, left.....	1	90	f 2,432.24	2,432.24	3,886.87	356.00	
Humerus, right.....	1	5	148	g 3,712.97	742.59	4,345.92	
Humerus, left.....	2	467	h 4,159.74	2,079.87		4,311.74	
Humerus, lower end of, right.....	7	340	i 10,157.29	1,451.04		8,625.84	
Humerus, lower end of, left.....	4	117	739.58	184.90		1,469.50	
Elbow, right.....	2	7	94	989.81	143.64	1,801.16	1
Elbow, left.....	1	48				158.40	1
Forearm, right.....	3	310	j 7,040.99	2,347.00		6,775.22	
Forearm, left.....	1	3	164	852.76	284.25	533.36	2,134.10
Radius, upper end of, right.....	4	361	k 10,486.28	2,621.57		8,108.77	
Ulna, upper end of, right.....	1	4	103	l 4,647.79	1,161.95	743.08	885.92
Radius and ulna, upper end of, right.....	1	69	119.04	119.04		187.20	
Radius, right.....	6	214	1,313.08	218.85		2,881.79	1
Radius, left.....	1	611	m 3,696.10	3,696.10		1,869.66	
Ulna, right.....	4	94	n 1,943.73	485.93		1,332.81	
Radius and ulna, right.....	7	127	1,747.63	249.66		3,406.47	
Radius and ulna, left.....	5	161	o 4,732.68	952.53	138.90	3,224.80	
Radius, lower end of, right.....	8	287	p 5,036.28	742.04		4,680.71	1
Radius, lower end of, left.....	2	68	248.90	124.45		471.10	
Ulna, lower end of, right.....	1	1	19	145.57		937.31	1
Ulna, lower end of, left.....	1	1	19				1
Radius and ulna, lower end of, right.....	1	21	203	q 13,143.16	625.86	743.73	14,970.14
Radius and ulna, lower end of, left.....	1	7	356	r 9,750.37	1,392.91	740.09	13,236.32
Wrist, right.....	1	8	107	s 3,149.59	393.70	157.79	5,745.76

a One case lump-sum settlement, 28 per cent disability, \$2,562.69.

b One case lump-sum settlement, 25 per cent disability, \$2,353.12; one case lump-sum settlement, 25 per cent disability, \$1,953.50; one case lump-sum settlement, 35 per cent disability, \$4,044.24; one case lump-sum settlement, 25 per cent disability, \$1,885.50.

c One case lump-sum settlement, 15 per cent disability, \$1,131.30.

d One case lump-sum settlement, 25 per cent disability, \$2,778.94; one case lump-sum settlement, 15 per cent disability, \$1,293.54.

e One case lump-sum settlement, 30 per cent disability, \$3,760.30; one case lump-sum settlement, 20 per cent disability, \$1,882.49.

f One case lump-sum settlement, 15 per cent disability, \$2,242.43.

g One case lump-sum settlement, 30 per cent disability, \$2,182.90; one case lump-sum settlement, 25 per cent disability, \$2,287.90.

h One case lump-sum settlement, 15 per cent disability, \$2,181.83.

i One case lump-sum settlement, 20 per cent disability, \$2,353.08; one case lump-sum settlement, 25 per cent disability, \$1,614.88; one case lump-sum settlement, 15 per cent disability, \$1,049.81.

j One case lump-sum settlement, 15 per cent disability, \$1,450.39; one case lump-sum settlement, 25 per cent disability, \$2,834.54; one case lump-sum settlement, 5 per cent disability, \$715.96.

k One case lump-sum settlement, 25 per cent disability, \$3,518.78; one case lump-sum settlement, 40 per cent disability, \$4,261.33.

l One case lump-sum settlement, 10 per cent disability, \$404.20; one case lump-sum settlement, 25 per cent disability, \$3,713.59.

m One case lump-sum settlement, 30 per cent disability, \$2,453.18.

n One case lump-sum settlement, 15 per cent disability, \$1,212.78.

o One case lump-sum settlement, 18 per cent disability, \$2,407.94; one case lump-sum settlement, 5 per cent disability, \$727.28.

p One case lump-sum settlement, 20 per cent disability, \$457.92; one case lump-sum settlement, 25 per cent disability, \$2,542.73.

q One case lump-sum settlement, 15 per cent disability, \$1,525.64; one case lump-sum settlement, 10 per cent disability, \$1,306.15; one case lump-sum settlement, 20 per cent disability, \$1,775.29; one case lump-sum settlement, 20 per cent disability, \$605.62.

r One case lump-sum settlement, 25 per cent disability, \$3,381.97; one case lump-sum settlement, 25 per cent disability, \$1,412.88.

s One case lump-sum settlement, 20 per cent disability, \$1,454.15.

TABLE 8.—PERMANENT PARTIAL DISABILITIES, BY LOCATION OF DISABILITY, OCCURRING SEPTEMBER 7, 1916, TO DECEMBER 31, 1921, AND CLOSED BEFORE DECEMBER 31, 1921—Continued.

LOSS OF FUNCTION—continued.

Member injured.	Number.	Average days' duration.	Award.	Average award.		Wage loss, all cases.	Number of non-compensated cases.
				All cases.	Cases of infection.		
Wrist, left.....	2	173	<i>a</i> \$1,694.63	\$847.32	.....	\$780.98	.....
Arms, or one arm and one hand.....	2	108	322.23	161.12	.....	660.20	.....
Hand, n. o. c., right.....	8	12	<i>b</i> 6,738.93	561.58	\$769.03	5,031.86	1
Hand, n. o. c., left.....	2	3	<i>c</i> 2,956.79	985.60	610.02	1,250.14	.....
Hand, back of, right.....	3	80	505.71	168.57	.....	935.89	.....
Hand, back of, left.....	1	1	69	93.34	93.34	220.00	.....
Palm, right.....	4	5	<i>d</i> 4,133.84	826.77	327.10	3,419.83	.....
Palm, left.....	2	4	<i>e</i> 4,145.40	1,036.35	1,874.50	2,834.00	1
Hands.....	1	1	115	157.78	157.78	304.00	.....
Metacarpal, one, right.....	1	5	88	673.48	134.70	1,454.89	.....
Metacarpal, one, left.....	2	2	27	104.45	52.23	246.56	.....
Metacarpal, more than one, right.....	1	1	314	748.93	748.93	1,381.60	.....
Metacarpal, more than one, left.....	1	2	131	530.05	265.02	1,488.00	.....
Thumb, n. o. c., right.....	6	17	60	<i>f</i> 4,456.37	262.14	3,841.99	1
Thumb, n. o. c., left.....	9	18	95	<i>g</i> 5,212.13	289.56	7,164.68	1
Thumb, distal phalanx, right.....	2	1	206	<i>h</i> 1,111.54	1,111.54	977.49	.....
Thumb, distal phalanx, left.....	2	4	80	<i>i</i> 1,330.66	332.67	1,338.16	.....
Thumb, proximal phalanx, right.....	1	3	53	<i>j</i> 638.76	212.92	539.00	.....
Thumb, proximal phalanx, left.....	1	4	28	147.58	35.90	288.38	.....
Index finger, n. o. c., right.....	16	34	88	<i>k</i> 6,527.22	192.27	10,537.85	1 2
Index finger, n. o. c., left.....	7	9	71	<i>l</i> 1,507.42	167.49	1,856.35	.....
Index finger, distal phalanx, right.....	5	8	58	887.93	110.99	1,840.88	.....
Index finger, distal phalanx, left.....	3	3	32	183.78	61.23	468.41	.....
Index finger, middle phalanx, right.....	1	1	56	233.35	233.35	525.40	.....
Index finger, middle phalanx, left.....	3	3	72	<i>m</i> 812.02	270.67	988.50	.....
Index finger, proximal phalanx, right.....	2	3	94	214.66	71.55	335.52	1 2
Index finger, proximal phalanx, left.....	2	5	59	436.72	87.34	1,688.42	1
Middle finger, n. o. c., right.....	7	15	57	1,475.50	98.37	2,708.51	.....
Middle finger, n. o. c., left.....	2	5	39	348.73	65.75	708.99	.....
Middle finger, distal phalanx, right.....	1	4	46	347.12	86.78	837.22	.....
Middle finger, distal phalanx, left.....	1	2	31	77.73	38.87	129.86	1 1
Middle finger, middle phalanx, right.....	1	4	26	196.09	49.02	381.76	.....
Middle finger, middle phalanx, left.....	1	2	31	48.00	24.00	79.20	1
Middle finger, proximal phalanx, right.....	1	4	36	195.56	48.89	482.40	1
Ring finger, n. o. c., right.....	1	5	40	139.23	27.85	627.75	1
Ring finger, n. o. c., left.....	1	4	40	261.05	65.26	533.04	1 1
Ring finger, distal phalanx, right.....	2	39	155.56	77.78	.....	326.00	.....
Ring finger, distal phalanx, left.....	2	2	49	77.61	38.81	107.00	.....
Ring finger, middle phalanx, right.....	1	1	66	142.24	142.24	234.30	.....
Ring finger, proximal phalanx, right.....	1	1	141	300.01	300.01	563.00	.....
Little finger, n. o. c., right.....	1	6	23	265.25	44.21	507.37	1
Little finger, n. o. c., left.....	2	5	27	252.28	50.46	589.00	1
Little finger, distal phalanx, right.....	1	4	53	346.69	86.67	650.70	.....
Little finger, distal phalanx, left.....	1	2	23	82.23	41.12	161.60	.....
Little finger, middle phalanx, right.....	2	2	32	122.67	61.34	235.56	.....
Little finger, middle phalanx, left.....	1	1	152	<i>n</i> 782.25	782.25	547.00	.....
Little finger, proximal phalanx, right.....	3	5	109	<i>o</i> 1,596.91	319.38	2,057.08	.....
Little finger, proximal phalanx, left.....	2	3	37	58.03	19.34	151.65	1
Thumb and one finger, right.....	4	57	293.06	73.27	.....	617.57	1
Thumb and one finger, left.....	1	73	155.57	155.57	.....	432.16	.....
Thumb and two or more fingers, right.....	1	3	295	<i>p</i> 5,866.93	1,955.64	2,909.22	.....

a One case lump-sum settlement, 10 per cent disability, \$1,187.23.*b* One case lump-sum settlement, 35 per cent disability, \$3,676.36.*c* One case lump-sum settlement, 10 per cent disability, \$1,111.58; one case lump-sum settlement, 10 per cent disability, \$1,052.80.*d* One case lump-sum settlement, 20 per cent disability, \$2,350.94.*e* One case lump-sum settlement, 20 per cent disability, \$2,734.54.*f* One case lump-sum settlement, 10 per cent disability, \$754.20; one case lump-sum settlement, 10 per cent disability, \$1,306.15; one case lump-sum settlement, 5 per cent disability, \$529.72.*g* One case lump-sum settlement, 25 per cent disability, \$1,817.69.*h* One case lump-sum settlement, 5 per cent disability, \$661.11.*i* One case lump-sum settlement, 5 per cent disability, \$703.76.*j* One case lump-sum settlement, 3 per cent disability, \$364.99.*k* One case lump-sum settlement, 10 per cent disability, \$1,431.91; one case lump-sum settlement, 7 per cent disability, \$1,010.46; one case lump-sum settlement, 8 per cent disability, \$142.01.*l* One case lump-sum settlement, 5 per cent disability, \$448.46.*m* One case lump-sum settlement, 3 per cent disability, \$391.84.*n* One case lump-sum settlement, 5 per cent disability, \$444.46.*o* One case lump-sum settlement, 5 per cent disability, \$598.43.*p* One case lump-sum settlement, 15 per cent disability, \$1,700.95; one case lump-sum settlement, 25 per cent disability, \$2,288.12.

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TABLE 8.—PERMANENT PARTIAL DISABILITIES, BY LOCATION OF DISABILITY, OCCURRING SEPTEMBER 7, 1916, TO DECEMBER 31, 1921, AND CLOSED BEFORE DECEMBER 31, 1921—Continued.

LOSS OF FUNCTION—continued.

Member injured.	Number.	Average days' duration.	Award.	Average award.		Wage loss, all cases.	Number of non-compensated cases.
				All cases.	Cases of infection.		
Two fingers, right.....	2	13	105 <i>a</i> \$3,939.26	\$303.02	\$124.85	\$3,830.75	1
Two fingers, left.....	1	3	65 388.90	129.63		915.78	
Three fingers, right.....	1	3	32 <i>b</i> 1,618.34	539.45	1,512.11	310.61	
Three fingers, left.....	1	2	132 564.58	282.29	366.79	1,064.78	
Four fingers, right.....	1	1	35 71.11	71.11		173.60	
Hip.....	1	6	155 1,382.41	230.40	240.43	2,428.66	
Hip joint.....	1	15	388 <i>c</i> 15,288.19	1,019.21		21,691.44	
Thigh.....	1	41	298 46,966.84	1,145.53	60.00	42,688.32	3
Femur.....	2	16	524 <i>d</i> 30,473.74	1,904.61	3,225.81	34,578.89	
Patella.....	2	6	291 <i>e</i> 8,246.65	1,374.44	871.20	9,366.82	
Knee.....	2	23	234 <i>f</i> 18,924.94	822.82	419.25	25,661.54	2
Leg.....	4	27	259 <i>g</i> 14,695.85	544.29	1,150.66	25,963.39	1
Leg, lower.....	1	1	35 57.18	57.18		92.40	
Fibula.....	1	1	198 319.44	319.44		516.20	
Tibia.....	1	5	351 <i>h</i> 4,609.48	921.90	634.26	5,121.68	
Tibia, upper end of.....	2	91	223.37	111.69		524.92	
Tibia, upper end of.....	1	503	<i>i</i> 3,023.42	3,023.42		1,207.20	
Tibia, lower end of.....	3	262	<i>j</i> 3,961.78	1,320.59		3,685.40	
Tibia and fibula, upper end of.....	3	292	<i>k</i> 2,141.69	713.90		2,207.30	
Tibia and fibula.....	6	29	439 <i>l</i> 40,208.78	1,386.51	1,891.77	43,946.87	
Tibia and fibula, lower end of.....	4	26	399 <i>m</i> 33,924.77	1,304.80	1,848.22	47,775.05	
Ankle.....	1	18	316 <i>n</i> 13,878.57	771.03	192.00	18,052.58	2
Foot, n. o. c.....	4	14	224 <i>o</i> 8,049.11	574.94	1,319.88	10,270.01	1
Foot, top of.....	1	2	77 311.57	155.79	238.91	476.25	
Tarsals.....	1	5	422 <i>p</i> 5,137.58	1,027.52		9,349.54	
Oscalcis.....	1	12	470 <i>q</i> 21,802.19	1,816.85	5,037.71	23,201.86	
Metatarsals.....	2	9	186 <i>r</i> 6,516.75	724.08	784.71	6,352.67	
Feet.....	1	1	178 <i>s</i> 6,122.62	6,122.62		2,356.00	
Heel.....	1	1	21			84.00	1
Great toe, n. o. c.....	2	5	30 225.30	45.06	9.88	444.47	
Great toe, one phalanx.....	1	3	30 177.79	59.26	66.67	479.20	

a One case lump-sum settlement, 20 per cent disability, \$1,678.12.*b* One case lump-sum settlement, 20 per cent disability, \$1,473.77.*c* One case lump-sum settlement, 8 per cent disability, \$941.23; one case lump-sum settlement, 25 per cent disability, \$2,872.32.*d* One case lump-sum settlement, 10 per cent disability, \$966.93; one case lump-sum settlement, 15 per cent disability, \$1,784.92; one case lump-sum settlement, 39 per cent disability, \$3,670.86; one case lump-sum settlement, 15 per cent disability, \$1,968.74; one case lump-sum settlement, 30 per cent disability, \$3,401.45; one case lump-sum settlement, 10 per cent disability, \$1,272.14; one case lump-sum settlement, 40 per cent disability, \$4,379.61; one case lump-sum settlement, 20 per cent disability, \$2,734.54; one case lump-sum settlement, 50 per cent disability, \$6,447.12; one case lump-sum settlement, 40 per cent disability, \$4,716.47; one case lump-sum settlement, 25 per cent disability, \$2,351.70.*e* One case lump-sum settlement, 33½ per cent disability, \$4,557.56.*f* One case lump-sum settlement, 20 per cent disability, \$2,353.08; one case lump-sum settlement, 5 per cent disability, \$555.79; one case lump-sum settlement, 10 per cent disability, \$1,133.82; one case lump-sum settlement, 33½ per cent disability, \$1,240.48.*g* One case lump-sum settlement, 5 per cent disability, \$244.44; one case lump-sum settlement, 20 per cent disability, \$2,034.06.*h* One case lump-sum settlement, 10 per cent disability, \$1,494.96.*i* One case lump-sum settlement, 25 per cent disability, \$2,224.22.*j* One case lump-sum settlement, 10 per cent disability, \$1,155.50; one case lump-sum settlement, 7½ per cent disability, \$1,073.93.*k* One case lump-sum settlement, 3 per cent disability, \$391.82.*l* One case lump-sum settlement, 15 per cent disability, \$794.12; one case lump-sum settlement, 30 per cent disability, \$2,900.78; one case lump-sum settlement, 35 per cent disability, \$3,142.78; one case lump-sum settlement, 6 per cent disability, \$564.75; one case lump-sum settlement, 5 per cent disability, \$627.15; one case lump-sum settlement, 25 per cent disability, \$2,542.73; one case lump-sum settlement, 15 per cent disability, \$1,562.12; one case lump-sum settlement, 10 per cent disability, \$1,216.62; one case lump-sum settlement, 20 per cent disability, \$2,508.61; one case lump-sum settlement, 15 per cent disability, \$1,488.32; one case lump-sum settlement, 30 per cent disability, \$3,966.68; one case lump-sum settlement, 25 per cent disability, \$2,480.53; one case lump-sum settlement, 15 per cent disability, \$2,071.78; one case lump-sum settlement, 10 per cent disability, \$992.21; one case lump-sum settlement, 10 per cent disability, \$1,407.51; one case lump-sum settlement, 5 per cent disability, \$598.43.*m* One case lump-sum settlement, 25 per cent disability, \$3,011.97.*n* One case lump-sum settlement, 15 per cent disability, \$2,181.83.*o* One case lump-sum settlement, 5 per cent disability, \$532.67.*p* One case lump-sum settlement, 15 per cent disability, \$1,667.36; one case lump-sum settlement, 42 per cent disability, \$5,324.57; one case lump-sum settlement, 25 per cent disability, \$3,486.38.*q* One case lump-sum settlement, 15 per cent disability, \$2,071.78; one case lump-sum settlement, 10 per cent disability, \$992.21; one case lump-sum settlement, 10 per cent disability, \$1,407.51; one case lump-sum settlement, 5 per cent disability, \$598.43.*r* One case lump-sum settlement, 25 per cent disability, \$3,011.97.*s* One case lump-sum settlement, 60 per cent disability, \$4,448.45.

TABLE 8.—PERMANENT PARTIAL DISABILITIES, BY LOCATION OF DISABILITY, OCCURRING SEPTEMBER 7, 1916, TO DECEMBER 31, 1921, AND CLOSED BEFORE DECEMBER 31, 1921—Continued.

LOSS OF FUNCTION—continued.

Member injured.	Number.	Average days' duration.	Award.	Average award.		Wage loss, all cases.	Number of non-compensated cases.
				All cases.	Cases of infection.		
Great toe, more than one phalanx.....	1	1	45	\$91.12	\$91.12	\$91.12	\$202.50
Great toe and lesser toe or toes.....	1	1	276	600.04	600.04		1,214.40
Malleolus.....	7	305	a 7,164.24	1,023.46			7,811.85
Broken arch.....	2	206	521.02	260.51			1,238.40
General crushing.....	1	1	384	b 4,447.71	4,447.71	4,447.71	1,946.88
Paralysis.....	4	104	c 2,643.76	660.94			2,585.60
Shell shock.....	2	141	977.82	488.91			4,403.33
Endocarditis.....	1	623	d 8,640.84	8,640.84			3,891.20
Pulmonary tuberculosis.....	2	218	e 3,787.60	1,893.80			2,683.95
Bronchitis.....	1	879	f 4,337.45	4,337.45			43.95
Ribs fractured, lung punctured, hip dislocated, shoulder, lips, and toe injured.....	1	180	384.48	384.48			900.00
Loss of use of first finger and thumb of both hands.....	1	325	g 3,578.89	3,578.89			1,008.00
Falling arch.....	3	159	933.55	311.18			2,119.28
Multiple injuries.....	1	11	349	h 22,028.59	2,002.60	5,993.21	14,840.69
Grand total.....	212	1,027	712,361.44				768,513.40
Nose (disfigurement).....	1	13	22.22	22.22			43.29

SPECIAL CASE.

Amputation of forearm and loss of use of other arm and hand.....	1	1	559	i 11,399.87	11,399.87	11,399.87	3,348.00
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a One case lump-sum settlement, 20 per cent disability, \$2,538.35.

b One case lump-sum settlement, 25 per cent disability, \$3,608.78.

c One case lump-sum settlement, 15 per cent disability, \$1,764.81.

d One case lump-sum settlement, 60 per cent disability, \$7,299.73.

e One case lump-sum settlement, 21 per cent disability, \$2,840.85.

f One case lump-sum settlement, 25 per cent disability, \$2,417.32.

g One case lump-sum settlement, 30 per cent disability, \$2,976.63.

h One case lump-sum settlement, 25 per cent disability, \$3,549.98; one case lump-sum settlement, 50 per cent disability, \$4,834.64; one case lump-sum settlement, 40 per cent disability, \$6,051.50.

i One case lump-sum settlement, 70 per cent disability, \$10,181.87.

NATURE OF INJURY, WITH RESULTING DISABILITY.

Table 9 shows the nature of injury classified by the character of resulting disability and the member affected. The average duration is shown of all cases affecting a specified member, and the average duration and average amount of award is shown for compensated cases. Distinction is made of cases in which infection occurred, the duration and award being shown.

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TABLE 9.—NATURE OF INJURY, WITH RESULTING DISABILITY, CALENDAR YEAR 1921.

BRUISES, CONTUSIONS, AND ABRASIONS.

[The small figures at the left in certain columns show number of cases of infection.]

Member.	All cases.		Compensated cases.				
	Num- ber.	Aver- age days' dura- tion.	Num- ber.	Aver- age days' dura- tion.	Award.	Average award.	Average award in cases with in- fection.
TEMPORARY TOTAL DISABILITIES.							
Eye.....	3 63	17 16	23	36	\$1,394.38	\$60.63	\$25.19
Eyes.....	1 1	1 1					
Ear, inner.....	1 1	8 8					
Ear, external.....	2 4	5 6	1 13		20.00	20.00	
Jaw, upper.....	1 2	12 8	1 12		20.00	20.00	20.00
Jaw, lower.....	2 2	20 10	1 35		71.11	71.11	
Scalp.....	29 10	11 14	11 14		240.75	21.89	
Head, general.....	17 17	11 25	25 26		1,005.52	40.22	
Forehead.....	1 19	10 5	5 7		43.37	8.67	
Eyelids.....	1 7	13 6	3 7		21.14	7.05	
Nose.....	1 12	18 8	3 25		122.23	40.74	15.56
Cheek.....	16 11	11 7	7 21		150.22	21.46	
Lips, chin, and mouth.....	8 6	12 12	2 28		97.78	48.89	
Face, n. o. c.....	27 15	10 12	12 16		235.60	19.63	8.15
Neck.....	2 10	18 11	7 14		131.91	18.84	20.00
Two or more parts of face and neck, one not clearly major injury.....	4 4	20 9	4 15		96.89	24.22	
Head, neck, and face, n. o. c.....	2 6	40 4	1 52		8.89	8.89	
Thorax, external, general.....	2 11	19 15	50 29		422.24	105.56	
Thorax, anterior, upper.....	1 182	25 20	7 31		2,318.45	46.37	2.22
Thorax, posterior, lumbar.....	1 108	22 48	31 38		286.67	38.10	
Thorax, lateral.....	1 49	7 19	25 31		5,007.95	53.28	28.89
Abdomen, external.....	3 14	119 57	11 70		3,148.28	65.59	
Abdominal viscera.....	4 23	94 26	11 46		1,405.25	56.21	
Groin.....	1 7	18 19	2 34		1,512.20	13.75	248.16
Sacrum or coccyx.....	1 3	9 1	19 26		951.52	86.50	197.58
Pelvic region.....	2 2	13 1	19 28		135.56	67.78	
Pelvis, n. o. c.....	4 9	34 20	4 29		26.67	26.67	
Anus, rectum, or perineum.....	1 1	47 1	47 76		28.00	28.00	
External generative organs.....	4 49	16 22	34 27		195.56	48.89	42.22
Testicles.....	3 3	5 1	4 4		76.00	76.00	
Scrotum.....	1 11	823 121	9 142		1,548.49	45.54	17.82
Producing hernia, inguinal.....	1 1	195 1	195 417.83		2.22	2.22	
Producing hernia, other.....	4 18	27 12	7 22		2,451.17	272.35	1,600.00
Buttocks.....	1 2	19 52	2 52		417.83	417.83	
Sacro iliac joint.....	1 3	29 2	29 48.89		230.02	32.86	30.84
Urethra.....	1 3	29 2	29 99.91		48.89	24.45	35.56
Breasts.....	1 3	30 13	2 19		99.91	49.96	
Shoulder.....	122 19	65 29	29 66.67		3,271.25	50.33	
Arm, upper.....	20 9	8 14	14 174.66		66.67	33.34	57.78
Elbow.....	11 93	53 16	42 27		1,814.00	43.19	81.68
Forearm.....	5 78	11 10	39 15		949.92	24.36	12.84
Wrist.....	5 53	15 10	17 18		414.60	24.39	17.71
Arm, general.....	1 15	17 6	30 328.91		54.82	54.82	
Arm, not specified.....	1 16	98 11	3 36		210.46	70.15	197.79
Arms.....	1 1	10 1	10 15.56		15.56	15.56	
Arm and leg.....	12 11	5 13	13 88.63		88.63	17.73	
Hand, n. o. c.....	25 108	28 15	50 26		2,260.42	45.21	45.49
Palm.....	34 53	28 20	36 2		1,725.76	47.94	46.31
Back of.....	24 83	15 11	44 23		1,129.38	25.67	21.70
Hands.....	3 7	16 15	3 229		66.67	22.22	16.30
Thumb, n. o. c.....	33 108	18 13	51 20		1,602.47	31.42	22.44
Thumb, distal phalanx.....	8 34	38 21	16 34		962.76	60.17	48.98
Thumb, proximal phalanx.....	3 4						
Index finger, n. o. c.....	30 79	27 15	41 25		1,598.50	38.99	35.98
Index finger, distal phalanx.....	5 32	25 15	23 18		655.02	28.48	36.45
Index finger, middle phalanx.....	1 1	8 8	1 8		4.44	4.44	4.44
Index finger, proximal phalanx.....	1 2	17 15	1 12		15.56	15.56	
Middle finger, n. o. c.....	21 85	14 8	35 12		596.54	17.04	14.80
Middle finger, distal phalanx.....	5 41	21 14	17 23		654.06	38.47	30.67
Middle finger, middle phalanx.....	3 5	18 12	3 16		82.14	27.38	26.67
Middle finger, proximal phalanx.....	1 5	10 15	3 25		82.23	27.41	15.56
Ring finger, n. o. c.....	17 58	19 12	33 18		924.78	28.02	25.05
Ring finger, distal phalanx.....	4 27	18 15	14 25		593.35	42.38	39.43
Ring finger, middle phalanx.....	1 3	17 11	2 15		44.31	22.16	31.11
Ring finger, proximal phalanx.....	1 2	14 8	1 14		22.22	22.22	22.22
Little finger, n. o. c.....	11 43	18 10	16 18		394.07	24.63	11.75
Little finger, distal phalanx.....	13 10		6 15		126.68	21.11	

TABLE 9.—NATURE OF INJURY, WITH RESULTING DISABILITY, CALENDAR YEAR 1921—Continued.

BRUISES, CONTUSIONS, AND ABRASIONS—continued.

Member.	All cases.		Compensated cases.				
	Num-ber.	Aver-age days' dura-tion.	Num-ber.	Aver-age days' dura-tion.	Award.	Average award.	Average award in cases with in-fec-tion.
TEMPORARY TOTAL DISABILITIES—continued.							
Little finger, middle phalanx.....	2	14	1	10	\$13.56	\$13.56	.....
Little finger, proximal phalanx.....	1 2	10 12	1	14	24.45	24.45	.....
Thumb and one finger.....	1 3	6 20	2	27	102.22	51.11	.....
Thumb and two or more fingers.....	2	10	1	19	33.34	33.34	.....
Two fingers.....	4 76	18 14	41	18	1,278.54	31.18	\$25.34
Three fingers.....	10	9	5	11	88.90	17.78	.....
Four fingers.....	1	24	1	24	39.20	39.20	.....
Finger, not specified.....	1 9	6 4	3	6	18.87	6.29	6.67
Hip.....	1 57	147 17	32	25	1,319.65	41.24	193.34
Thigh.....	1 105	379 10	70	26	3,095.20	44.22	792.88
Knee.....	21 280	36 18	135	30	7,154.16	52.99	61.25
Leg.....	51 340	54 20	185	31	9,857.78	53.29	90.70
One leg and one foot.....	1 3	12 13	2	13	32.35	16.18	16.80
Ankle.....	12 86	22 15	49	20	1,947.07	39.74	36.78
Foot, n. o. c.....	18 247	30 16	121	26	5,138.23	42.46	23.94
Foot, sole of.....	1 5	46 16	3	24	118.18	39.39	91.74
Foot, top of.....	14 149	52 19	88	25	3,924.81	44.60	93.44
Feet.....	11	44	7	65	949.50	135.64	.....
Heel.....	7 32	16 13	16	21	434.02	27.13	4.12
Toe, not specified.....	1 2	3 5	1	6	6.67	6.67	.....
Great toe, n. o. c.....	9 259	40 11	124	17	3,264.27	26.32	47.60
Great toe, one phalanx.....	2 18	11 10	10	13	179.37	17.94	9.69
Great toe, more than one phalanx.....	1	11	.....	.....	.....	.....	.....
Lesser toe, n. o. c.....	9 53	33 11	18	24	716.22	39.79	57.04
Lesser toe, one phalanx.....	2	11	1	19	37.78	37.78	.....
Great toe and lesser toe or toes.....	2 60	41 14	36	18	1,065.64	29.60	84.45
Two or more lesser toes.....	1 33	14 9	17	12	297.48	17.50	24.45
Two or more parts, one not clearly major injury to leg.....	3	8	.....	.....	.....	.....	.....
Multiple bruises.....	2 159	28 26	104	33	5,725.84	55.06	41.62
Total.....	451 4,094	.....	2,079	.....	91,691.99	.....	.....
PERMANENT PARTIAL DISABILITIES.							
Eye.....	5 16	114 121	12	151	a 21,116.00	1,759.67	997.83
Ear.....	1 2	28 25	1	22	31.11	31.11	.....
Neck.....	1	91	1	91	128.90	128.90	.....
Thorax, anterior.....	1	619	1	619	1,368.97	1,368.97	.....
Thorax, posterior, lumbar.....	1	658	1	658	b 2,157.17	2,157.17	.....
Pelvic region.....	2	160	2	160	621.44	310.72	.....
Urethra.....	1	273	1	273	584.47	584.47	.....
Breasts.....	1	21	.....	.....	.....	.....	.....
Shoulder, right.....	1	35	1	35	c 1,191.87	1,191.87	.....
Forearm, right.....	1 2	187 85	1	137	257.79	257.79	257.79
Hand, n. o. c., right.....	2	435	2	435	d 9,237.58	4,618.79	.....
Hand, n. o. c., left.....	1 1	106 106	1	106	e 1,144.47	1,144.47	1,144.47
Thumb, distal phalanx, right.....	1	206	1	206	f 1,111.54	1,111.54	.....
Index finger, n. o. c., left.....	2 3	97 71	3	71	378.02	126.01	172.34
Index finger, distal phalanx, right.....	1 1	17 17	1	17	31.11	31.11	31.11
Index finger, distal phalanx, left.....	4 6	30 26	4	30	167.56	41.89	41.89
Index finger, distal phalanx, left.....	3 3	63 63	3	63	240.02	80.01	80.01
Index finger, middle phalanx, right.....	1	14	1	14	28.89	28.89	.....
Index finger, proximal phalanx, right.....	1 1	107 107	1	107	226.68	226.68	226.68
Middle finger, n. o. c., right.....	2 2	76 76	2	76	302.24	151.12	151.12
Middle finger, distal phalanx, right.....	1 1	221 221	1	221	484.25	484.25	484.25
Middle finger, distal phalanx, left.....	2 4	23 21	2	38	150.01	75.01	50.01
Middle finger, proximal phalanx, right.....	1 1	367 367	1	367	753.37	753.37	753.37

a One case lump-sum settlement, 25 per cent disability, \$2,888.75; one case lump-sum settlement, 25 per cent disability, \$3,486.38; one case lump-sum settlement, 25 per cent disability, \$2,154.24; one case lump-sum settlement, 25 per cent disability, \$2,288.34; one case lump-sum settlement, 25 per cent disability, \$1,885.50; one case lump-sum settlement, 25 per cent disability, \$3,608.78; one case lump-sum settlement, 25 per cent disability, \$1,567.64.

b One case lump sum settlement, 5 per cent disability, \$703.76.

c One case lump-sum settlement, 15 per cent disability, \$1,131.30.

d One case lump-sum settlement, 50 per cent disability, \$7,326.37.

e One case lump-sum settlement, 10 per cent disability, \$1,111.58.

f One case lump-sum settlement, 5 per cent disability, \$661.11.

72 UNITED STATES EMPLOYEES' COMPENSATION COMMISSION.

TABLE 9.—NATURE OF INJURY, WITH RESULTING DISABILITY, CALENDAR YEAR 1921—Continued.

BRUISES, CONTUSIONS, AND ABRASIONS—continued.

Member.	All cases.		Compensated cases.					
	Num-ber.	Aver-age days' dura-tion.	Num-ber.	Aver-age days' dura-tion.	Award.	Average award.	Average award in cases with in-fec-tion.	
PERMANENT PARTIAL DISABILITIES—continued.								
Middle finger, proximal phalanx, left.	1	151	151	1	151	\$326.70	\$326.70	\$326.70
Ring finger, n. o. c., left.	1	1	32	32				
Ring finger, distal phalanx, left.	1	1	56	56		110.93	110.93	
Ring finger, proximal phalanx, right	1	1	102	102	1	102	215.56	215.56
Little finger, n. o. c., right.	1	1	36	36	1	36	64.00	64.00
Little finger, distal phalanx, right.	2	2	34	34	1	60	117.78	117.78
Little finger, middle phalanx, right.	2	3	73	57	3	57	281.08	93.69
Little finger, middle phalanx, left.	1	1	62	62	1	62	131.13	131.13
Thumb and two or more fingers, left.	1	1	123	123	1	123	264.46	264.46
Two fingers, right.	2	5	158	109	5	109	a 1,890.62	378.12
Three fingers, right.	2	2	68	68	1	116	b 2,724.37	2,724.37
Three fingers, left.	1	1	1,396	1	1,396	c 3,971.47	3,971.47	
Thigh.	2	2	221	221	1	393	828.94	828.94
Knee.	2	2	674	674	2	674	d 3,431.13	1,715.57
Leg.	1	2	876	702	2	702	2,039.37	1,019.69
Foot, n. s.	1	1	387	387	1	387	e 7,192.69	7,192.69
Heel.	1	1	21	21				
Great toe, one phalanx.	1	1	88	88	1	88	182.24	182.24
Great toe, more than one phalanx.	1	1	45	45	1	45	91.12	91.12
Great toe and lesser toe or toes.	2	3	91	84	3	84	526.69	175.56
Total.	48	88		72		66,103.74		

BURNS AND SCALDS.

TEMPORARY TOTAL DISABILITIES.									
Eye.....	2	53	52	8	18	15	\$431.12	\$23.95	\$104.45
Eyes.....		35		7	15	11	255.62	17.04	
Ear, external.....		1		1					
Scalp.....		1		2					
Head, general.....	1	1	9	9	1	9	3.33	3.33	3.33
Forehead.....		2		9					
Eyelids.....		7		7	3	12	42.22	14.07	
Nose.....	1	2	4	142	1	279	612.65	612.65	
Cheek.....		2		2					
Face, n. o. c.....		22		6	10	8	77.64	7.76	
Neck.....	1	8	15	5	1	15	24.45	24.45	24.45
Two or more parts of face and neck, one not clearly major injury.....		6		12	3	17	73.34	24.45	
Head, neck, and face.....		1		9	1	9	13.33	13.33	
Head and face, n. s.....		5		9	2	8	17.78	8.89	
Thorax, external, general.....	1	1	23	23	1	23	42.22	42.22	42.22
Abdomen, external.....		1		8	1	8	10.28	10.28	
Buttocks.....	1	2	6	8	2	8	17.78	8.89	6.67
Shoulder.....		4		12	3	14	57.24	19.08	
Arm, upper.....		2		7					
Elbow.....	1	3	14	14	2	18	64.45	32.23	24.45
Forearm.....	2	30	8	14	18	19	567.31	31.52	9.72
Wrist.....	2	10	34	14	5	22	160.62	32.12	55.47
Arm, general.....	1	5	10	10	4	11	68.90	17.23	15.56
Arm, n. s.....		3		8					
Arms, or one arm and one hand.....	2	12	23	13	7	15	146.67	20.95	30.00
Hand, n. o. c.....	2	38	18	13	21	19	585.46	27.88	16.71
Palm.....	2	10	20	19	6	28	278.68	46.45	86.00
Back of.....	4	15	14	17	7	26	273.69	39.10	21.11
Hands.....	1	29	34	18	13	31	717.82	55.22	64.45
Thumb, n. o. c.....	2	2	21	21	1	29	34.38	34.38	17.19
Index finger, n. o. c.....	1	3	6	4	1	6	6.67	6.67	6.67
Middle finger, n. o. c.....	1	1	54	54	1	54	111.12	111.12	111.12
Middle finger, proximal phalanx.....	1	1	6	6					

a One case lump-sum settlement, 6 per cent disability, \$741.45.

b One case lump-sum settlement, 15 per cent disability, \$2,472.74.

c One case lump-sum settlement, 15 per cent disability, \$1,657.65.

d One case lump-sum settlement, 5 per cent disability, \$555.79.

e One case lump-sum settlement, 45 per cent disability, \$6,373.90.

TABLE 9.—NATURE OF INJURY, WITH RESULTING DISABILITY, CALENDAR YEAR 1921—Continued.

BURNS AND SCALDS—continued.

Member.	All cases.		Compensated cases.				
	Num-ber.	Aver-age days' dura-tion.	Num-ber.	Aver-age days' dura-tion.	Award.	Average award.	Average award in cases with in-fec-tion.
TEMPORARY TOTAL DISABILITIES—continued.							
Ring finger, n. o. c.....	2	11	1	13	\$15.56	\$15.56	.....
Little finger, n. o. c.....	2	11	2	11	30.94	15.47	\$15.47
Thumb and one finger.....	1	3					
Thumb and two or more fingers.....	3	5	1	10	15.56	15.56	.....
Two fingers.....	8	17	4	30	189.66	47.42	60.00
Three fingers.....	4	10	2	14	44.17	22.09	.....
Four fingers.....	2	22	1	39	73.33	73.33	.....
Hip.....	1	14	1	14	23.02	23.02	.....
Thigh.....	6	18	4	23	158.22	39.55	.....
Knee.....	4	6	2	9	26.67	13.34	.....
Leg.....	25	30	17	36	1,099.45	64.67	142.24
Ankle.....	1	12	1	19	211.12	30.16	46.67
Foot, n. o. c.....	2	21	7	18	165.75	27.63	34.39
Foot, sole of.....	1	21	2	32	124.45	62.23	60.00
Foot, top of.....	2	13	12	23	491.70	40.98	16.07
Feet.....	1	5	11	10	35.22	17.61	14.93
Heel.....	1	4	8	2	44.45	22.23	.....
Great toe, n. o. c.....	1	24	1	24	51.11	51.11	51.11
Great toe and lesser toe or toes.....	1	2	1	39	51.12	51.12	51.12
Multiple burns.....	3	60	37	78	5,832.70	157.63	57.78
Total.....	49	487	253	.....	13,378.57	.....	.....
PERMANENT PARTIAL DISABILITIES.							
Eye.....	1	4	4	111	a 2,483.79	620.95	60.00
Thumb and one finger, right.....	1	1	1	159	188.90	188.90	.....
Two fingers, left.....	1	157	1	157	200.01	200.01	200.01
Multiple injuries.....	1	2	2	577	b 6,052.74	3,026.37	5,993.21
Amputation of forearm and loss of use of other arm and hand.....	1	1	1	559	c 11,399.87	11,399.87	11,399.87
Total.....	4	9	9	.....	20,325.31	.....	.....

CONCUSSIONS.

TEMPORARY TOTAL DISABILITIES.							
Brain.....	24	50	20	57	\$2,231.74	\$111.59	.....
PERMANENT PARTIAL DISABILITIES.							
Brain.....	1	1,024	1	1,024	2,056.24	2,056.24	.....

CUTS AND LACERATIONS.

TEMPORARY TOTAL DISABILITIES.									
Eye.....	3	39	9	15	22	23	\$927.55	\$42.16	\$11.85
Ear, external.....	1	7	184	23	3	51	264.46	88.15	246.68
Scalp.....	12	174	21	11	82	17	2,298.88	28.04	34.96
Head, general.....		8		13	2	28	26.66	13.33	.....
Forehead.....	3	52	14	18	25	33	1,535.50	61.42	12.59
Eyelids.....	1	17	7	10	5	22	173.34	34.67	.....
Nose.....	1	8	33	15	5	20	170.88	34.18	64.45
Cheek.....	2	13	29	9	5	18	146.38	29.28	52.23
Lips, chin, and mouth.....	2	30	18	8	11	13	230.16	20.92	11.11
Face, n. o. c.....		14		13	7	18	186.13	26.59	.....
Neck.....		3		8		12	9.78	9.78	.....
Two or more parts of face and neck, one not clearly major injury.....		2		9					.....

a One case lump-sum settlement, 25 per cent disability, \$1,682.09.

b One case lump-sum settlement, 25 per cent disability, \$3,549.98.

c One case lump-sum settlement, 70 per cent disability, \$10,181.87.

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TABLE 9.—NATURE OF INJURY, WITH RESULTING DISABILITY, CALENDAR YEAR 1921—Continued.

CUTS AND LACERATIONS—continued.

Member.	All cases.		Compensated cases.						
	Num-ber.	Aver- age days' dura- tion.	Num-ber.	Aver- age days' dura- tion.	Award.	Average award.	Average award in cases with in- fection.		
TEMPORARY TOTAL DISABILITIES— continued.									
Head, neck, and face, n. o. c.	1	12	1	12	\$15.56	\$15.56	.....	
Thorax, anterior.	1	19	1	19	11.11	11.11	.....	
Thorax, posterior, upper.	1	3					.....	
Thorax, lateral.	2	3					.....	
Anus, rectum, or perineum.	1	13	1	13	21.20	21.20	.....	
Penis.	3	11	1	25	46.67	46.67	.....	
Scrotum.	2	8					.....	
Buttocks.	2	34	1	34	13.33	13.33	.....	
Urethra.	1	10					.....	
Breasts.	1	25	1	25	39.11	39.11	.....	
Shoulder.	4	13	1	33	37.96	37.96	.....	
Arm, upper.	2	18	3	43	211.16	70.39	\$42.25		
Elbow.	1	9	22	15	4	21	146.45	36.61	41.78
Forearm.	12	48	33	17	23	26	834.63	36.29	41.75
Wrist.	8	36	12	12	14	18	364.46	26.03	9.17
Arm, general.	1	3	71	29	2	41	90.00	45.00	74.44
Arm, not specified.	1	3	62	25	2	37	97.78	48.89	80.00
Arm and leg.	1	1	17	1	17	17.07	17.07	.....
Hand, n. o. c.	22	75	23	14	37	21	1,266.44	34.23	33.80
Palm.	18	95	20	14	55	18	1,490.66	27.10	31.95
Back of.	21	55	15	14	31	19	964.17	31.10	17.24
Hands.	1	3	33	30	1	33	64.45	64.45	64.45
Thumb, n. o. c.	15	92	14	10	34	18	1,023.13	30.09	20.30
Thumb, distal phalanx.	2	26	21	10	8	20	253.36	31.67	28.89
Thumb, proximal phalanx.	1	8	8	10	4	15	102.23	25.56	11.11
Index finger, n. o. c.	13	86	16	10	33	17	883.34	26.77	21.30
Index finger, distal phalanx.	6	35	27	19	18	27	834.48	46.36	32.48
Index finger, middle phalanx.	1	4	62	15	1	52	95.56	95.56	95.56
Index finger, proximal phalanx.	5	11	12	14	6	17	146.68	24.45	18.67
Middle finger, n. o. c.	13	61	22	13	31	21	954.85	30.80	33.68
Middle finger, distal phalanx.	6	36	11	16	22	21	773.51	35.16	7.91
Middle finger, middle phalanx.	1	6	47	18	2	29	100.00	50.00	86.67
Middle finger, proximal phalanx.	1	1	15	1	15	15	26.67	26.67	.....
Ring finger, n. o. c.	10	42	19	13	25	18	701.44	28.06	29.56
Ring finger, distal phalanx.	2	17	78	18	8	33	514.25	64.28	159.90
Ring finger, middle phalanx.	1	2	28	18	2	18	29.78	14.89	24.45
Ring finger, proximal phalanx.	2	2	13	13	2	13	35.55	17.78	17.78
Little finger, n. o. c.	10	42	17	11	23	15	493.91	21.47	18.67
Little finger, distal phalanx.	16	14	11	19	19	355.05	32.28	.....
Little finger, middle phalanx.	2	2							.....
Little finger, proximal phalanx.	5	19	4	24	24	168.90	42.23	.....
Thumb and one finger.	1	9	10	9	6	11	93.96	15.66	15.56
Thumb and two or more fingers.	1	7	53	24	4	40	304.68	76.17	102.22
Two fingers.	2	58	13	14	32	19	1,050.18	32.82	21.11
Three fingers.	18	15	10	19	19	313.73	31.37	.....
Four fingers.	7	18	5	21	21	190.23	38.05	.....
Finger, not specified.	5	5	1	17	17	21.93	21.93	.....
Hip.	1	1	24	1	24	19.98	19.98	.....
Thigh.	4	19	21	19	10	29	506.69	50.67	36.11
Knee.	12	52	41	22	31	33	1,922.15	62.00	77.97
Leg.	41	150	34	19	83	28	3,833.02	46.18	51.06
Ankle.	3	20	50	26	16	30	819.57	51.22	76.76
Foot, n. o. c.	3	24	23	15	14	20	463.93	33.14	40.74
Sole of.		5	8	1	17	26.13	26.13	.....
Top of.	2	30	124	27	20	36	1,289.52	64.48	252.75
Heel.	1	7	15	42	4	53	338.41	84.60	13.33
Great toe, n. o. c.	4	16	30	19	13	22	425.50	32.73	43.51
Great toe, one phalanx.	1	2	62	39	2	39	146.68	73.34	128.90
Lesser toe, n. o. c.	1	6	6	12	2	15	51.83	25.92	.....
Lesser toe, one phalanx.	2	2	20	2	20	68.80	34.40	.....
Great toe and lesser toe or toes.	1	9	30	19	6	25	257.79	42.97	57.78
Two or more lesser toes.	1	3	21	21	2	21	46.67	23.34	20.00
Multiple cuts and lacerations.	10	49	6	66	66	685.34	114.22	.....
Total.	278	1,676	854	.....	32,071.34	.....	.....	.....	.....

TABLE 9.—NATURE OF INJURY, WITH RESULTING DISABILITY, CALENDAR YEAR 1921—Continued.

CUTS AND LACERATIONS—continued.

Member.	All cases.		Compensated cases.						
	Num-ber.	Average days' dura-tion.	Num-ber.	Average days' dura-tion.	Award.	Average award.	Average award in cases with infection.		
PERMANENT PARTIAL DISABILITIES.									
Eye.....	9	20	259	183	18	203	a \$26,600.60	\$1,477.81	\$1,578.74
Arm, upper, left.....		1		90		90	b 2,432.24	2,432.24	
Forearm, right.....		3		310		310	c 7,040.99	2,347.00	
Wrist, right.....		1		362		362	d 2,251.01	2,251.01	
Wrist, left.....		1		272		272	e 1,683.52	1,683.52	
Hand, n. o. c., left.....		1		466		466	f 1,736.76	1,736.76	
Palm, right.....		1		240		240	g 2,825.44	2,825.44	
Palm, left.....		1		215		215	h 396.40	396.40	
Hand, back of, right.....		1		31		31	i 62.23	62.23	
Thumb, n. o. c., right.....		1		146		146	j 1,622.59	1,622.59	
Thumb, n. o. c., left.....	1	2	780	394	1	780	k 3,543.44	3,543.44	3,543.44
Thumb, distal phalanx, right.....	1	2	88	74	2	74	l 308.91	154.46	180.01
Thumb, distal phalanx, left.....	1	3	80	36	3	36	m 200.23	66.74	35.78
Thumb, proximal phalanx, left.....	1	1	8	8					
Index finger, n. o. c., right.....	4	5	306	262	4	323	n 3,671.03	917.76	619.03
Index finger, n. o. c., left.....	2	2	88	83	2	83	o 2,300.14	1,150.07	1,150.07
Index finger, distal phalanx, right.....	2	3	46	46	3	46	p 235.40	78.47	83.54
Index finger, distal phalanx, left.....	1	3	12	21	2	26	q 95.56	47.78	17.78
Index finger, middle phalanx, left.....		1							
Index finger, proximal phalanx, right.....	1	1	12	12					
Index finger, proximal phalanx, left.....		1		67	1	67	r 144.45	144.45	
Middle finger, n. o. c., right.....	2	2	90	90	1	138	s 297.79	297.79	148.90
Middle finger, distal phalanx, right.....	1	1	29	29					
Middle finger, middle phalanx, right.....	1	1	81	81	1	81	t 171.12	171.12	171.12
Middle finger, middle phalanx, left.....		1		28					
Middle finger, proximal phalanx, right.....	1	2	28	186	2	186	u 714.94	357.47	55.55
Ring finger, n. o. c., left.....		1		117	1	117	v 248.91	248.91	
Ring finger, proximal phalanx, right.....		1		4					
Little finger, distal phalanx, right.....	1	1	15	15	1	15	w 26.67	26.67	26.67
Little finger, distal phalanx, left.....		1		6	1	6	x 6.67	6.67	
Little finger, proximal phalanx, right.....	1	1	88	88	1	88	y 184.47	184.47	184.47
Thumb and one finger, left.....	1	1	184	184	1	184	z 1,748.37	1,748.37	1,748.37
Thumb and two or more fingers, right.....	1	2	185	398	2	398	m 5,674.04	2,837.02	2,648.45
Two fingers, right.....		3		55	2	82	aa 339.57	169.79	
Two fingers, left.....	1	1	120	120					
Three fingers, right.....	3	4	90	74	3	52	n 1,666.78	555.59	537.81
Three fingers, left.....		1		96	1	96	ad 197.79	197.79	
Thigh.....	1	1	162	162	1	162	ae 124.45	124.45	124.45
Ankle.....		1		1,120	1	1,120	af 2,448.26	2,448.26	
Great toe, n. o. c.....	1	1	12	12	1	12	ag 11.11	11.11	11.11
Great toe, one phalanx.....	1	1	35	35	1	35	ah 66.67	66.67	66.67
Lesser toe, one phalanx.....		1		48	1	48	ai 84.45	84.45	

a One case lump-sum settlement, 25 per cent disability, \$3,305.57; one case lump-sum settlement, 25 per cent disability, \$3,636.38; one case lump-sum settlement, 25 per cent disability, \$7,219.94; one case lump-sum settlement, 25 per cent disability, \$3,305.57; one case lump-sum settlement, 25 per cent disability, \$3,636.38; one case lump-sum settlement, 25 per cent disability, \$1,127.84; one case lump-sum settlement, 25 per cent disability, \$1,228.66.

b One case lump-sum settlement, 15 per cent disability, \$2,242.43.

c One case lump-sum settlement, 15 per cent disability, \$1,450.39; one case lump-sum settlement, 25 per cent disability, \$2,834.54; one case lump-sum settlement, 5 per cent disability, \$715.96.

d One case lump-sum settlement, 20 per cent disability, \$1,454.15.

e One case lump-sum settlement, 10 per cent disability, \$1,187.23.

f One case lump-sum settlement, 10 per cent disability, \$1,052.80.

g One case lump-sum settlement, 20 per cent disability, \$2,350.94.

h One case lump-sum settlement, 10 per cent disability, \$1,308.15.

i One case lump-sum settlement, 25 per cent disability, \$1,817.69.

j One case lump-sum settlement, 10 per cent disability, \$1,431.91; one case lump-sum settlement, 7 per cent disability, \$1,010.46; one case lump-sum settlement, 8 per cent disability, \$142.01.

k One case lump-sum settlement, 25 per cent disability, \$2,011.82.

l One case lump-sum settlement, 10 per cent disability, \$1,352.79.

m One case lump-sum settlement, 15 per cent disability, \$1,760.95; one case lump-sum settlement, 25 per cent disability, \$2,288.12.

n One case lump-sum settlement, 20 per cent disability, \$1,473.77.

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TABLE 9.—NATURE OF INJURY, WITH RESULTING DISABILITY, CALENDAR YEAR 1921—Continued.

CUTS AND LACERATIONS—continued.

Member.	All cases.		Compensated cases.				
	Num-ber.	Aver-age days' dura-tion.	Num-ber.	Aver-age days' dura-tion.	Award.	Average award.	Average award in cases with infection.
PERMANENT PARTIAL DISABILITIES—continued.							
Lesser toe, more than one phalanx..	1	45	1	45	\$91.11	\$91.11	\$91.11
Two or more lesser toes.....	1	897	1	897	a 4,212.28	4,212.28	.....
Multiple cuts and lacerations.....	1	422	1	422	b 5,728.93	5,728.93	.....
Total.....	40	87	72	.....	81,195.32	.....	.....

DISLOCATIONS.

TEMPORARY TOTAL DISABILITIES.							
Jaw, lower.....	1	29	1	29	\$55.56	\$55.56	.....
Vertebrae, cervical.....	1	16	.....	.....	.....	.....	.....
Vertebrae, lumbar.....	2	64	2	64	261.96	130.98	.....
Ribs.....	1	208	1	208	225.53	225.53	.....
Pelvis, n. o. c.....	1	41	1	41	60.00	60.00	.....
Sacro-iliac joint.....	1	88	1	88	181.53	181.53	.....
Clavicle.....	1	57	1	57	105.56	105.56	.....
Shoulder.....	28	47	16	73	2,321.95	145.12	.....
Elbow.....	6	18	3	27	152.89	50.96	.....
Wrist.....	10	45	7	55	747.95	106.85	.....
Carpal, one.....	1	2	.....	.....	.....	.....	.....
Metacarpal, one.....	1	20	1	20	37.78	37.78	.....
Thumb, n. o. c.....	5	17	2	30	106.68	53.34	.....
Thumb, proximal phalanx.....	1	23	1	23	36.27	36.27	.....
Index finger, middle phalanx.....	1	10	1	10	12.67	12.67	\$12.67
Middle finger, n. o. c.....	1	20	1	20	33.33	33.33	.....
Middle finger, distal phalanx.....	1	17	1	17	28.89	28.89	.....
Middle finger, proximal phalanx.....	1	5	.....	.....	.....	.....	.....
Ring finger, n. o. c.....	1	8	1	8	11.11	11.11	.....
Little finger, n. o. c.....	1	12	1	12	11.11	11.11	.....
Little finger, distal phalanx.....	1	10	1	10	13.33	13.33	.....
Little finger, proximal phalanx.....	1	5	.....	.....	.....	.....	.....
Hip joint.....	5	35	5	35	344.46	68.89	.....
Patella.....	2	7	1	12	20.00	20.00	.....
Knee.....	12	60	11	65	1,368.86	124.44	.....
Ankle.....	7	78	4	132	1,124.52	281.13	.....
Tarsals.....	1	513	1	513	1,070.66	1,070.66	.....
Metatarsals.....	2	20	1	36	66.97	66.97	.....
Great toe, n. o. c.....	2	26	2	26	84.78	42.39	.....
Great toe, one phalanx.....	2	17	2	17	53.34	26.67	.....
Total.....	1	101	70	.....	8,537.69	.....	.....
PERMANENT PARTIAL DISABILITIES.							
Shoulder, right.....	3	329	2	460	c \$4,381.25	\$2,190.63	.....
Wrist, right.....	1	29	1	29	48.89	48.89	.....
Knee.....	1	192	1	192	d 1,549.43	1,549.43	.....
Total.....	5	.....	4	.....	5,979.57	.....	.....

a One case lump-sum settlement, 15 per cent disability, \$2,228.15.

b One case lump-sum settlement, 50 per cent disability, \$4,834.64.

c One case lump-sum settlement, 25 per cent disability, \$2,353.12.

d One case lump-sum settlement, 10 per cent disability, \$1,133.82.

TABLE 9.—NATURE OF INJURY, WITH RESULTING DISABILITY, CALENDAR YEAR 1921—Continued.

FRACTURES.

Member.	All cases.		Compensated cases.				
	Number.	Average days' duration.	Number.	Average days' duration.	Award.	Average award.	Average award in cases with infection.
TEMPORARY TOTAL DISABILITIES.							
Malar.....	4	34	3	37	\$207.44	\$69.15	.....
Jaw, upper.....	3	27	3	27	154.45	51.48	.....
Jaw, lower.....	11	70	8	87	1,305.47	163.18	.....
Teeth.....	18	4	3	13	61.92	20.64	.....
Skull.....	30	83	25	94	4,559.23	182.37	\$2,002.16
Nose.....	15	18	7	22	241.44	34.49	.....
Vertebrae, lumbar.....	2	123	2	123	432.45	216.23	.....
Sternum.....	1	6					.....
Ribs.....	186	28	125	34	7,565.14	60.52	.....
Sacrum or coccyx.....	4	55	2	40	132.34	66.17	113.34
Pelvis, n. o. c.....	11	100	11	100	2,164.17	196.74	.....
Sacro iliac joint.....	1	12	1	12	20.00	20.00	.....
Scapula.....	9	42	8	41	586.13	73.27	.....
Clavicle.....	32	68	30	73	4,069.40	135.65	.....
Shoulder.....	15	77	12	86	1,490.10	124.18	.....
Humerus, shaft.....	15	74	12	84	1,748.86	145.74	.....
Humerus, involving elbow.....	13	56	10	67	1,183.78	118.38	.....
Radius, involving elbow.....	19	47	13	60	1,402.36	107.87	.....
Ulna, involving elbow.....	13	36	13	36	865.90	66.61	.....
Radius and ulna, involving elbow.....	3	73	2	99	417.90	208.95	.....
Radius, n. o. c.....	28	49	24	51	2,254.48	93.94	.....
Ulna, n. o. c.....	17	41	14	45	1,152.53	82.32	.....
Radius and ulna, n. o. c.....	21	102	17	122	4,304.21	253.19	.....
Radius, involving wrist.....	129	158	100	48	8,386.24	83.86	331.13
Ulna, involving wrist.....	7	38	6	42	435.15	72.53	.....
Radius and ulna, involving wrist.....	90	62	81	65	10,284.49	126.72	.....
Styloid process, radius and ulna.....	11	32	10	34	655.25	65.53	.....
Carpal, one.....	14	23	11	26	547.28	49.75	.....
Carpal, more than one.....	1	31	1	31	46.80	46.80	.....
Metacarpal, one.....	44	23	32	27	1,443.94	45.12	.....
Metacarpal, more than one.....	7	24	3	46	242.23	80.74	.....
Thumb, n. o. c.....	4	36	4	36	238.63	59.66	.....
Thumb, distal phalanx.....	17	43	14	28	639.49	45.68	60.56
Thumb, proximal phalanx.....	9	36	8	38	573.06	71.63	.....
Index finger, n. o. c.....	5	14	2	24	93.34	46.67	.....
Index finger, distal phalanx.....	14	28	11	29	549.88	49.99	.....
Index finger, middle phalanx.....	8	30	6	33	380.03	63.34	.....
Index finger, proximal phalanx.....	3	26	1	40	82.22	82.22	.....
Middle finger, n. o. c.....	5	32	4	39	209.99	52.50	.....
Middle finger, distal phalanx.....	12	54	11	57	1,085.86	98.71	.....
Middle finger, middle phalanx.....	4	45	4	45	349.06	87.27	.....
Middle finger, proximal phalanx.....	4	41	3	45	275.58	91.86	.....
Ring finger, n. o. c.....	4	15	3	18	91.65	30.55	.....
Ring finger, distal phalanx.....	16	28	13	32	745.60	57.35	.....
Ring finger, middle phalanx.....	4	20	2	27	102.22	51.11	.....
Little finger, n. o. c.....	4	22	1	41	84.45	84.45	.....
Little finger, distal phalanx.....	10	23	7	29	270.71	38.67	.....
Little finger, middle phalanx.....	5	27	3	34	213.35	71.12	.....
Little finger, proximal phalanx.....	6	33	5	38	378.15	75.63	.....
Thumb and one finger.....	1	9					.....
Two fingers.....	11	52	9	42	662.81	73.65	91.18
Three fingers.....	1	10					.....
Hip joint.....	2	78	2	78	304.01	152.01	.....
Femur.....	13	123	12	133	3,122.68	260.22	.....
Patella.....	22	149	19	141	5,388.46	283.60	317.80
Tibia, n. o. c.....	1	29	27	100	5,166.31	191.35	133.33
Tibia, involving knee.....	9	120	8	130	2,098.70	262.34	.....
Tibia, involving ankle.....	16	84	12	99	2,395.13	199.59	.....
Fibula, n. o. c.....	30	60	23	67	2,775.56	120.68	.....
Fibula, involving knee.....	1	283	1	283	606.70	606.70	.....
Fibula, involving ankle.....	27	76	25	79	3,845.09	153.80	.....
Tibia and fibula, n. o. c.....	41	187	38	199	15,652.41	411.91	.....
Tibia and fibula, involving knee.....	3	87	2	117	471.13	235.57	.....
Tibia and fibula, involving ankle.....	1	36	32	131	8,040.00	251.25	528.91
Tarsals.....	23	187	18	233	8,754.50	486.36	.....
Calcis.....	17	105	14	119	3,227.82	230.56	.....
Metatarsals.....	144	51	131	53	12,911.99	98.56	.....
Great toe, n. o. c.....	1	93	32	39	2,363.82	73.87	186.66
Great toe, one phalanx.....	1	92	67	29	3,424.40	51.11	177.79
Great toe, more than one phalanx.....	1	3	2	93	326.69	163.35	113.30
Lesser toe, n. o. c.....	1	12	3	25	137.79	45.93	.....

TABLE 9.—NATURE OF INJURY, WITH RESULTING DISABILITY, CALENDAR YEAR 1921—Continued.

FRACTURES—continued.

Member.	All cases.		Compensated cases.				
	Num-ber.	Aver-age days' dura-tion.	Num-ber.	Aver-age days' dura-tion.	Award.	Average award.	Average award in cases with in-fec-tion.
TEMPORARY TOTAL DISABILITIES—continued.							
Lesser toe, one phalanx.....	36	23	22	28	\$1,128.75	\$51.31	.....
Lesser toe, more than one phalanx.....	2	47	2	47	185.45	92.73	.....
Great toe and lesser toe or toes.....	11	41	9	47	748.47	83.16	\$239.39
Two or more lesser toes.....	17	27	12	37	835.59	69.63	.....
Malleolus.....	20	70	18	74	2,522.98	140.17	.....
Multiple fractures.....	3	193	3	193	1,216.72	405.57	.....
Total.....	19 1,571	.....	1,234	.....	153,018.31	.....	.....
PERMANENT PARTIAL DISABILITIES.							
Skull.....	2	115	2	115	303.26	151.63	.....
Vertebrae, lumbar.....	2	319	2	319	1,338.16	669.08	.....
Pelvis.....	1	221	1	221	428.34	428.34	.....
Clavicle, right.....	2	288	1	549	1,197.84	1,197.84	.....
Shoulder, right.....	4	535	4	535	a 12,488.20	3,122.05	.....
Humerus, right.....	1	163	2	163	b 2,824.02	1,412.01	291.12
Humerus, left.....	2	667	2	667	c 4,956.51	2,478.26	.....
Humerus, involving elbow, right.....	5	428	5	428	d 9,652.48	1,930.50	.....
Humerus, involving wrist, left.....	1	85	1	85	146.67	146.67	.....
Radius, involving elbow, right.....	3	295	3	295	e 4,993.69	1,664.56	.....
Ulna, involving elbow, right.....	1	169	2	169	f 4,498.90	2,249.45	743.08
Radius, right.....	1	266	1	266	584.02	584.02	.....
Ulna, right.....	2	154	2	154	g 1,842.17	921.09	.....
Radius and ulna, right.....	2	209	2	209	907.27	453.64	.....
Radius and ulna, left.....	2	297	2	297	h 4,344.86	2,172.43	.....
Radius, involving wrist, right.....	3	474	3	474	i 4,356.76	1,452.25	.....
Radius, involving wrist, left.....	1	115	1	115	102.23	102.23	.....
Ulna, involving wrist, right.....	2	68	2	68	291.13	145.57	.....
Ulna and radius, involving wrist, right.....	1	7	6	335	j 8,739.33	1,456.56	220.02
Ulna and radius, involving wrist, left.....	1	4	3	779	k 9,468.13	3,156.04	740.09
Thumb, n. o. c., right.....	2	118	2	118	l 1,261.49	630.75	630.75
Thumb, n. o. c., left.....	1	51	1	51	104.45	104.45	.....
Thumb, proximal phalanx, right.....	1	80	1	80	m 534.31	534.31	.....
Index finger, n. o. c., right.....	1	10	.....	.....	.....	.....	.....
Index finger, middle phalanx, left.....	1	160	1	160	n 738.69	738.69	.....
Index finger, proximal phalanx, left.....	1	30	1	30	57.78	57.78	.....
Middle finger, n. o. c., right.....	1	126	1	126	273.34	273.34	273.34
Middle finger, distal phalanx, left.....	2	11	3	32	193.34	64.45	18.89
Middle finger, middle phalanx, right.....	1	20	1	20	35.56	35.56	.....
Ring finger, middle phalanx, right.....	1	66	1	66	142.24	142.24	.....
Little finger, middle phalanx, right.....	3	26	3	26	148.90	49.63	68.89
Little finger, middle phalanx, right.....	2	50	2	50	197.79	98.90	.....

a One case lump-sum settlement, 25 per cent disability, \$1,953.50; one case lump-sum settlement, 35 per cent disability, \$4,044.24; one case lump-sum settlement, 25 per cent disability, \$1,885.50.

b One case lump-sum settlement, 30 per cent disability, \$2,182.90.

c One case lump-sum settlement, 15 per cent disability, \$2,181.83.

d One case lump-sum settlement, 20 per cent disability, \$2,353.08; one case lump-sum settlement, 25 per cent disability, \$1,614.88; one case lump-sum settlement, 15 per cent disability, \$1,049.81.

e One case lump-sum settlement, 25 per cent disability, \$3,518.78.

f One case lump-sum settlement, 10 per cent disability, \$404.20; one case lump-sum settlement, 25 per cent disability, \$3,713.59.

g One case lump-sum settlement, 15 per cent disability, \$1,212.78.

h One case lump-sum settlement, 18 per cent disability, \$2,407.94; one case lump-sum settlement, 5 per cent disability, \$727.28.

i One case lump-sum settlement, 20 per cent disability, \$457.92; one case lump-sum settlement, 25 per cent disability, \$2,542.73.

j One case lump-sum settlement, 15 per cent disability, \$1,525.64; one case lump-sum settlement, 10 per cent disability, \$1,306.15; one case lump-sum settlement, 20 per cent disability, \$1,775.29.

k One case lump-sum settlement, 25 per cent disability, \$3,381.97; one case lump-sum settlement, 25 per cent disability, \$1,412.88.

l One case lump-sum settlement, 10 per cent disability, \$754.20.

m One case lump-sum settlement, 3 per cent disability, \$364.99.

n One case lump-sum settlement, 3 per cent disability, \$391.84.

TABLE 9—NATURE OF INJURY, WITH RESULTING DISABILITY, CALENDAR YEAR 1921—Continued.

FRACTURES—continued.

Member.	All cases.		Compensated cases.				
	Num-ber.	Average days' dura-tion.	Num-ber.	Average days' dura-tion.	Award.	Average award.	Average award in cases with infection.
PERMANENT PARTIAL DISABILITIES—continued.							
Little finger, proximal phalanx, right.	1	31	1	31	\$59.73	\$59.73	
Little finger, proximal phalanx, left.	2	36 37	2	26	58.03	29.02	\$29.02
Two fingers, right.	1	38 65	2	65	a 814.80	407.40	77.78
Two fingers, left.	1	55	1	55	114.68	114.68	
Hip joint.	7	372	7	372	b 6,351.18	907.31	
Femur.	2	16 772 524	16	524	c 30,473.74	1,904.61	3,225.81
Patella.	1	235	1	235	494.94	494.94	
Leg.	1	508 558	1	558	1,213.42	1,213.42	1,213.42
Tibia.	2	394	2	394	d 2,988.14	1,494.07	
Tibia, involving ankle.	1	136	1	136	e 1,450.87	1,450.87	
Fibula, involving knee.	1	503	1	503	f 3,023.42	3,023.42	
Tibia and fibula.	4	14 467 457	14	457	g 32,137.25	2,295.52	1,439.21
Tibia and fibula, involving knee.	1	279	1	279	604.52	604.52	
Tibia and fibula, involving ankle.	3	12 480 583	12	583	h 28,052.51	2,337.71	2,164.29
Tarsals.	3	601	3	601	i 4,486.42	1,495.47	
Oscalcis.	3	781	3	781	j 12,075.98	4,025.33	
Metatarsals.	4	10 400 297	10	297	k 9,246.10	924.61	1,059.74
Great toe, n. o. c.	1	285	1	285	581.19	581.19	
Great toe, one phalanx.	1	33	1	33	66.67	66.67	
Great toe, more than one phalanx.	1	124	1	124	268.90	268.90	
Lesser toe, one phalanx.	1	29	1	29	36.67	36.67	
Lesser toe, more than one phalanx.	1	31	1	31	31.11	31.11	
Great toe and lesser toe or toes.	2	180	2	180	775.61	387.81	
Malleolus.	3	637	3	637	l 6,715.49	2,238.50	
Fallen arch, resulting from fracture.	1	199	1	199	426.74	426.74	
Total.	27	159	153		219,699.97		

AMPUTATIONS (TRAUMATIC).

PERMANENT PARTIAL DISABILITIES.							
Arm, general, left.	1	1,139	1	1,139	m \$9,875.36	\$9,875.36	
Hand, n. o. c., right.	1	396	1	396	n 7,030.93	7,030.93	
Hand, n. o. c., left.	1	458	1	458	o 6,660.35	6,660.35	
Thumb, distal phalanx, right.	1	8 55 25	5	33	215.56	43.11	\$8.89

a One case lump-sum settlement, 7 per cent disability, \$565.96.

b One case lump-sum settlement, 8 per cent disability, \$941.23.

c One case lump-sum settlement, 10 per cent disability, \$966.93; one case lump-sum settlement, 15 per cent disability, \$1,784.92; one case lump-sum settlement, 39 per cent disability, \$3,670.86; one case lump-sum settlement, 15 per cent disability, \$1,968.74; one case lump-sum settlement, 30 per cent disability, \$3,401.45; one case lump-sum settlement, 10 per cent disability, \$1,272.14.

d One case lump-sum settlement, 10 per cent disability, \$1,494.96.

e One case lump-sum settlement, 10 per cent disability, \$1,155.50.

f One case lump-sum settlement, 25 per cent disability, \$2,224.22.

g One case lump-sum settlement, 6 per cent disability, \$564.75; one case lump-sum settlement, 5 per cent disability, \$627.15; one case lump-sum settlement, 25 per cent disability, \$2,542.73; one case lump-sum settlement, 15 per cent disability, \$1,562.12; one case lump-sum settlement, 10 per cent disability, \$1,216.62; one case lump-sum settlement, 20 per cent disability, \$808.40; one case lump-sum settlement, 45 per cent disability, \$5,918.24; one case lump-sum settlement, 20 per cent disability, \$2,508.61; one case lump-sum settlement, 30 per cent disability, \$3,296.70.

h One case lump-sum settlement, 15 per cent disability, \$1,488.32; one case lump-sum settlement, 30 per cent disability, \$3,966.68; one case lump-sum settlement, 25 per cent disability, \$2,480.53; one case lump-sum settlement, 15 per cent disability, \$2,071.78; one case lump-sum settlement, 10 per cent disability, \$992.21; one case lump-sum settlement, 10 per cent disability, \$1,407.51; one case lump-sum settlement, 5 per cent disability, \$593.43.

i One case lump-sum settlement, 5 per cent disability, \$532.67.

j One case lump-sum settlement, 15 per cent disability, \$1,667.36; one case lump-sum settlement, 42 per cent disability, \$5,321.57.

k One case lump-sum settlement, 15 per cent disability, \$2,071.78; one case lump-sum settlement, 10 per cent disability, \$1,133.82.

l One case lump-sum settlement, 20 per cent disability, \$2,568.35.

m One case lump-sum settlement, 50 per cent disability, \$7,377.57.

n One case lump-sum settlement, 45 per cent disability, \$8,186.51.

o One case lump-sum settlement, 50 per cent disability, \$5,669.09.

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TABLE 9.—NATURE OF INJURY, WITH RESULTING DISABILITY, CALENDAR YEAR 1921—Continued.

AMPUTATIONS (TRAUMATIC)—continued.

Member.	All cases.		Compensated cases.				
	Num-ber.	Aver-age days' dura-tion.	Num-ber.	Aver-age days' dura-tion.	Award.	Average award.	Average award in cases with infection.
PERMANENT PARTIAL DISABILITIES—continued.							
Thumb, distal phalanx, left.....	5	31	4	36	\$195.58	\$48.90	.....
Thumb, proximal phalanx, right.....	1	36	1	36	71.11	71.11	.....
Index finger, distal phalanx, right.....	3 8	62 43	6	51	469.80	78.30	\$64.81
Index finger, distal phalanx, left.....	2 8	60 35	6	38	385.57	64.26	118.90
Index finger, middle phalanx, right.....	5	70	5	70	581.82	116.36	.....
Index finger, middle phalanx, left.....	3	27	2	41	164.45	82.23	.....
Index finger, proximal phalanx, left.....	2	42	2	42	a 984.80	492.40	.....
Middle finger, distal phalanx, right.....	1 13	55 29	10	28	b 923.45	92.35	93.33
Middle finger, distal phalanx, left.....	12	21	8	26	335.12	41.89	.....
Middle finger, middle phalanx, left.....	2	36	2	36	140.01	70.01	.....
Ring finger, n. o. c., left.....	1	27	1	27	51.11	51.11	.....
Ring finger, distal phalanx, right.....	1 7	42 27	6	30	245.70	40.95	77.78
Ring finger, distal phalanx, left.....	5	32	4	36	227.71	56.93	.....
Ring finger, proximal phalanx, left.....	1	14	1	14	23.83	23.83	.....
Little finger, n. o. c., right.....	1	3	.....	.....	.....	.....	.....
Little finger, distal phalanx, right.....	7	28	5	34	294.57	58.91	.....
Little finger, distal phalanx, left.....	2	13	1	18	33.34	33.34	.....
Little finger, middle phalanx, right.....	1	149	1	149	c 757.77	757.77	.....
Little finger, middle phalanx, left.....	1	39	1	39	d 834.22	834.22	.....
Little finger, proximal phalanx, right.....	1	42	1	42	84.45	84.45	.....
Little finger, proximal phalanx, left.....	2	31	2	31	120.01	60.01	.....
Thumb and one finger, right.....	1	145	1	145	e 3,865.59	3,865.59	.....
Thumb and two or more fingers, right.....	1	53	1	53	f 4,207.36	4,207.36	.....
Thumb and two or more fingers, left.....	1 1	53 53	1	53	26.66	26.66	26.66
Two fingers, right.....	1 18	64 64	15	75	g 12,064.23	804.28	131.12
Two fingers, left.....	4	64	4	64	464.92	116.23	.....
Three fingers, right.....	1 5	63 229	4	273	h 3,337.29	834.32	106.68
Four fingers, right.....	1	261	1	261	544.48	544.48	.....
Leg.....	1	165	1	165	348.91	348.91	.....
Tarsals.....	1	289	1	289	626.76	626.76	.....
Great toe, n. o. c.....	1	31	1	31	60.00	60.00	.....
Great toe, one phalanx.....	1	13	1	13	22.22	22.22	.....
Lesser toe, n. s.....	1	17	1	17	31.11	31.11	.....
Lesser toe, one phalanx.....	3	28	2	31	44.45	22.23	.....
Total.....	11 138	.....	111	.....	56,350.60	.....	.....

PUNCTURES.

TEMPORARY TOTAL DISABILITIES.							
Eye.....	3 18	38 19	7	43	\$520.01	\$74.29	\$44.44
Ear, external.....	1	4	1	4	2.22	2.22	.....
Forehead.....	1	10	.....	.....	.....	.....	.....
Lips, chin, and mouth.....	1	11	1	11	17.78	17.78	.....
Face, n. o. c.....	1	21	.....	.....	.....	.....	.....
Neck.....	2	11	.....	.....	.....	.....	.....
Two or more parts of face and neck, one not clearly major injury.....	1	86	1	86	166.00	166.00	.....
Bronchus.....	1	7	1	7	6.67	6.67	.....
Thorax, anterior.....	4	26	1	93	137.79	137.79	.....
Thorax, posterior, lumbar.....	1	6	1	6	6.67	6.67	.....
Thorax, lateral.....	3	19	1	15	26.67	26.67	.....
Abdomen, external.....	2	11	2	11	22.12	11.06	.....

a One case lump-sum settlement, 8 per cent disability, \$813.67.

b One case lump-sum settlement, 3 per cent disability, \$418.37.

c One case lump-sum settlement, 4 per cent disability, \$435.51.

d One case lump-sum settlement, 5 per cent disability, \$756.44.

e One case lump-sum settlement, 25 per cent disability, \$3,549.98.

f One case lump-sum settlement, 30 per cent disability, \$4,101.80.

g One case lump-sum settlement, 8 per cent disability, \$1,163.64; one case lump-sum settlement, 5 per cent disability, \$349.94; one case lump-sum settlement, 15 per cent disability, \$2,071.78; one case lump-sum settlement, 25 per cent disability, \$3,135.76; one case lump-sum settlement, 5 per cent disability, \$703.76; one case lump-sum settlement, 18 per cent disability, \$2,486.14.

h One case lump-sum settlement, 25 per cent disability, \$992.65.

TABLE 9.—NATURE OF INJURY, WITH RESULTING DISABILITY, CALENDAR YEAR 1921—Continued.

PUNCTURES—continued.

Member.	All cases.		Compensated cases.			
	Num-ber.	Average days' dura-tion.	Num-ber.	Average days' dura-tion.	A ward.	Average award in cases with in-fec-tion.
TEMPORARY TOTAL DISABILITIES—continued.						
Abdominal viscera.....	1	60				
Testicles.....	1	7	1	7	\$8.89	\$8.89
Scrotum.....	1	13	1	13	5.76	5.76
Buttocks.....	1	5	1	5	4.44	4.44
Shoulder.....	3	2				
Arm, upper.....	1	10	2	12	33.07	16.54
Forearm.....	7	19	10	44	867.93	86.79
Wrist.....	3	11	3	22	87.01	29.00
Arm, general.....	1	6				
Arm, not specified.....	1	9	1	6	4.44	4.44
Arm and leg.....	1	3				
Hand, n. o. c.....	6	23	11	10	117.86	10.71
Palm.....	19	52	32	15	763.86	23.87
Back of.....	5	13	3	13	52.81	17.60
Thumb, n. o. c.....	14	27	10	14	187.35	18.74
Thumb, distal phalanx.....	4	8	5	20	171.33	34.27
Thumb, proximal phalanx.....	1	3	1	109	82.00	82.00
Index finger, n. o. c.....	13	31	15	19	434.45	28.96
Index finger, distal phalanx.....	2	7	3	12	51.60	17.20
Index finger, middle phalanx.....	2	3	2	11	17.77	8.89
Index finger, proximal phalanx.....	2	3	2	8	23.55	11.78
Middle finger, n. o. c.....	19	30	16	29	808.75	50.55
Middle finger, distal phalanx.....	5	7	5	37	275.60	55.12
Middle finger, proximal phalanx.....	1	1	1	9	12.00	12.00
Ring finger, n. o. c.....	9	16	7	10	130.58	18.65
Ring finger, distal phalanx.....		3				
Ring finger, middle phalanx.....	2	2	2	11	33.33	16.67
Ring finger, proximal phalanx.....	1	1	1	27	53.34	53.34
Little finger, n. o. c.....	8	15	5	12	64.90	12.98
Little finger, distal phalanx.....	1	2	1	54	92.87	92.87
Little finger, proximal phalanx.....	1	5	2	5	8.89	4.45
Finger, not specified.....	1	6				
Hip.....	2	2	1	25	25.76	25.76
Thigh.....	4	16	9	30	451.29	50.14
Knee.....	3	16	9	29	486.70	54.08
Leg.....	9	18	13	49	1,266.83	97.45
Ankle.....	2	6	2	20	38.00	19.00
Foot, n. o. c.....	2	13	8	20	183.00	22.88
Foot, sole of.....	37	237	99	16	2,573.39	25.99
Foot, top of.....		5	4	11	59.92	14.98
Heel.....	2	3				
Great toe, n. o. c.....	5	10	7	23	179.99	25.71
Great toe, one phalanx.....	1	1	1	4	2.22	2.22
Two or more lesser toes.....	1	24	1	24	46.67	46.67
Multiple punctures.....	2	53	2	53	217.78	108.89
Total.....	194	666	315		10,831.86	
PERMANENT PARTIAL DISABILITIES.						
Eye.....	3	14	13	196	a 24,754.81	1,904.22
Hand, back of, left.....	1	1	1	69	93.34	93.34
Thumb, distal phalanx, left.....	3	3	3	96	b 2,918.35	972.78
Index finger, n. o. c, right.....	1	1	1	108	155.57	155.57
Index finger, proximal phalanx, right.....	2	2	2	126	c 1,144.28	572.14
Little finger, n. o. c, right.....	1	1	1	71	146.67	146.67
Little finger, distal phalanx, right.....	1	1				
Lesser toe, n. o. c.....	2	2	2	67	128.90	64.45
Total.....	13	25	23		29,341.92	

a One case lump-sum settlement, 20 per cent disability, \$2,734.54; one case lump-sum settlement, 25 per cent disability, \$3,041.55; one case lump-sum settlement, 25 per cent disability, \$2,834.54; one case lump-sum settlement, 25 per cent disability, \$2,480.53; one case lump-sum settlement, 25 per cent disability, \$2,288.12; one case lump-sum settlement, 25 per cent disability, \$1,682.09; one case lump-sum settlement, 25 per cent disability, \$2,288.34; one case lump-sum settlement, 25 per cent disability, \$2,224.22.

b One case lump-sum settlement, 20 per cent disability, \$1,828.51; one case lump-sum settlement, 5 per cent disability, \$703.76.

c One case lump-sum settlement, 5 per cent disability, \$697.28.

TABLE 9.—NATURE OF INJURY, WITH RESULTING DISABILITY, CALENDAR YEAR 1921—Continued.

Member.	All cases.		Compensated cases.			
	Number.	Average days' duration.	Number.	Average days' duration.	Award.	Average award.
TEMPORARY TOTAL DISABILITIES.						
Eyes.....	3	29	1	72	\$133.34	\$133.34
Neck.....	14	34	6	70	883.51	147.25
Vertebrae, n. o. c.....	1	17	1	17	31.11	31.11
Vertebrae, cervical.....	1	32	1	32	62.23	62.23
Vertebrae, dorsal.....	1	18				
Thorax, external, general.....	1	9				
Thorax, anterior.....	16	8	5	11	77.78	15.56
Thorax, lateral.....	55	15	19	33	1,168.22	61.49
Thorax, posterior, upper.....	12	14	5	26	253.33	50.67
Thorax, posterior, lumbar.....	541	21	264	35	16,335.15	61.88
Thoracic organs, internal.....	1	12	1	12	14.93	14.93
Abdomen, external.....	47	14	17	24	598.39	35.20
Abdominal viscera.....	2	20	1	29	59.73	59.73
Groin.....	2	60	17	25	983.99	39.36
Sacrum or coccyx region.....	2	6	1	6	4.44	4.44
Anus, rectum, or perineum.....	2	34	2	34	121.87	60.94
Producing hernia, umbilical.....	6	49	5	55	457.80	91.56
Producing hernia, inguinal.....	1	350	147	62	36,894.15	130.83
Producing hernia, post operative.....	6	88	5	98	944.47	188.89
Producing hernia, other.....	9	88	6	123	1,488.95	248.16
Sacro iliac joint.....	85	54	63	69	8,103.87	128.63
Urethra.....	1	50	1	50	100.01	100.01
Ruptured abdominal viscera, with peritonitis.....	1	42	1	42	35.56	35.56
Shoulder.....	103	29	53	50	4,861.31	91.72
Arm, upper.....	4	8	1	23	27.73	27.73
Elbow.....	24	17	14	27	649.33	46.38
Forearm.....	23	25	7	63	782.56	111.79
Wrist.....	242	11	100	17	2,750.51	27.51
Arm, general.....	9	10	4	12	68.89	17.22
Arm, not specified.....	9	31	5	52	444.60	88.92
Arms.....	1	17				
Hand, n. o. c.....	20	12	9	22	336.68	37.41
Back of.....	2	4				
Thumb, n. o. c.....	24	10	8	17	211.79	26.47
Thumb, distal phalanx.....	1	6				
Thumb, proximal phalanx.....	3	13	2	13	40.00	20.00
Index finger, n. o. c.....	1	16				
Index finger, middle phalanx.....	1	18	1	18	33.34	33.34
Middle finger, n. o. c.....	1	7				
Middle finger, distal phalanx.....	1	7				
Ring finger, n. o. c.....	2	9	1	14	20.44	20.44
Little finger, n. o. c.....	1	13	1	13	13.33	13.33
Little finger, proximal phalanx.....	1	15				
Thumb and one finger.....	3	14				
Two fingers.....	1	12				
Hip.....	35	24	21	31	1,081.27	51.49
Thigh.....	19	15	9	22	331.70	36.86
Knee.....	227	26	135	38	9,626.13	71.30
Leg.....	59	23	31	36	1,885.68	60.83
Ankle.....	489	16	258	24	10,167.86	39.41
Foot, n. o. c.....	74	17	26	39	1,872.81	72.03
Foot, sole of.....	1	2				
Foot, top of.....	14	28	7	28	371.12	53.02
Feet.....	3	146	3	146	760.04	253.35
Heel.....	7	15	5	19	177.44	35.49
Great toe, n. o. c.....	2	10	2	10	22.22	11.11
Lesser toe, one phalanx.....	1	15	1	15	24.45	24.45
Great toe and lesser toes.....	1	10				
Lesser toes.....	1	8				
Multiple sprains.....	1	24	1	24	46.67	46.67
Total.....	4 2,628		1,417		105,360.73	

TABLE 9.—NATURE OF INJURY, WITH RESULTING DISABILITY, CALENDAR YEAR 1921—Continued.

SPRAINS AND STRAINS—continued.

Member.	All cases.		Compensated cases.			
	Num-ber.	Aver-age days' dura-tion.	Num-ber.	Aver-age days' dura-tion.	Award.	Average award.
PERMANENT PARTIAL DISABILITIES.						
Eye.....	2	28	1	49	\$95.56	\$95.56
Neck.....	1	356	1	356	760.07	760.07
Thorax, posterior, lumbar.....	8	346	8	346	a 7,007.75	875.97
Producing hernia, inguinal.....	1	410	1	410	848.96	848.96
Sacro iliac joint.....	3	517	3	517	b 5,836.20	1,945.40
Shoulder, left.....	3	308	3	308	c 7,656.08	2,552.03
Arm, upper.....	1	237	1	237	455.03	455.03
Knee.....	1	496	1	496	d 3,431.84	3,431.84
Leg.....	1	931	1	931	e 1,379.06	1,379.06
Ankle.....	4	432	3	562	3,702.76	1,234.25
Fallen arch, resulting from sprain.....	1	35	1	35	68.89	68.89
Total.....	26	.....	24	.....	31,242.20	.....

MISCELLANEOUS.

TEMPORARY TOTAL DISABILITY.									
Eye.....	17	4	32	4					
Foreign body in eye.....	344		9	88	24	\$3,791.56	\$43.09	\$49.02	
Eyes.....		3	12						
Ear, inner.....		2	4						
Cheek.....	1	2	1	3					
Face, n. o. c.....		1	79	1	79	168.90	168.90		
Neck.....	1	1	33	33	1	33	64.45	64.45	64.45
Two or more parts of face and neck, one not clearly major injury.....		1	6						
Testicles.....		1	8	1	8	9.17	9.17		
Thoracic organs, internal.....		3	6	1	11	17.07	17.07		
Abdominal viscera.....		2	8	1	12	20.00	20.00		
Anus, rectum, or perineum.....	1	1	20	20					
Ruptured abdominal viscera with peritonitis.....		1	96	1	96	186.68	186.68		
Forearm.....	1	1	9	9	1	9	10.22	10.22	10.22
Arm, general.....		1	26						
Arm, not specified.....	1	1	13	13					
Arms, or one arm and one hand.....	3	3	27	27	3	27	146.68	48.89	48.89
Hand, n. o. c.....	1	2	5	5					
Palm.....	1	1	6	6					
Hands.....	1	3	9	5	1	9	2.22	2.22	2.22
Thumb, n. o. c.....	1	1	4	4					
Thumb, distal phalanx.....	2	2	13	13	1	16	13.33	13.33	6.67
Index finger, n. o. c.....	3	3	16	16	1	41	60.00	60.00	20.00
Middle finger, n. o. c.....	1	1	18	18	1	18	33.34	33.34	33.34
Leg.....	2	2	39	39	1	67	140.01	140.01	70.01
Ankle.....	1	1	4	4	1	4	8.33	8.33	8.33
Foot, n. o. c.....		1	1						
Feet.....		2	34						
Lesser toe, n. o. c.....		1	3						
Great toe and lesser toe.....		1	64	1	64	75.56	75.56		
Asphyxiation.....	19	15	8	31	467.18	58.40			
Bronchitis.....	17	25	12	33	636.48	53.04			
Bursitis.....	5	29	2	31	95.56	47.78			
Caisson disease.....	1	1	5						
Cardiac enlargement.....		1	142	1	142	237.79	237.79		
Conjunctivitis.....	2	49	16	7	17	15	412.18	24.25	93.34
Dermatitis, hands.....	16	26	9	42	645.39	71.71			
Dermatitis, all other.....	8	12	6	14	135.55	22.59			
Diarrhea.....	1	18							
Diphtheria.....	2	139	2	139	558.07	279.04			
Fallen arch, posterior.....	6	91	6	91	1,077.84	179.64			

a One case lump-sum settlement, 15 per cent disability, \$1,633.16.

b One case lump-sum settlement, 28 per cent disability, \$2,552.09.

c One case lump-sum settlement, 25 per cent disability, \$2,778.94; one case lump-sum settlement, 15 per cent disability, \$1,291.54.

d One case lump-sum settlement, 20 per cent disability, \$2,353.08.

e One case lump-sum settlement, 5 per cent disability, \$244.44.

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TABLE 9.—NATURE OF INJURY, WITH RESULTING DISABILITY, CALENDAR YEAR 1921—Continued.

MISCELLANEOUS—continued.

Member.	All cases.		Compensated cases.			
	Num-ber.	Aver- age days' dura- tion.	Num-ber.	Aver- age days' dura- tion.	Award.	Average award in cases with in-fection.
TEMPORARY TOTAL DISABILITY—continued.						
Heat prostration.....	15	22	8	33	\$355.03	\$44.38
Hemorrhoids.....	1 4	126 48	3	63	328.91	109.64
Hydrocele.....	3	26	2	29	111.11	55.56
Lead poison.....	6	56	5	64	657.82	131.56
Malarial fever.....	19	6	4	8	38.47	9.62
Neuritis.....	3	23				
Neurosis.....	2	13	2	13	30.18	15.09
Neurasthenia.....	1	51	1	51	106.67	106.67
Nervous prostration.....	1	140	1	140	260.01	260.01
Orchitis.....	9	19	5	21	168.89	33.78
Pleurisy.....	3	16	2	22	74.80	37.40
Paralysis.....	1	84	1	84	180.01	180.01
Pneumonia.....	3	43	2	65	271.12	135.56
Poison.....	1 5	3 7	2	14	26.67	13.34
Pulmonary tuberculosis.....	11	79	3	289	1,687.90	562.63
Poison from eating.....	2	20				
Shock (shell and all other).....	8	62	2	177	759.78	379.89
Spotted fever.....	2	16	1	20	37.78	37.78
Smallpox.....	3	32	3	32	157.79	52.60
Shingles.....	1	2				
Teno-synovitis.....	2	13	2	13	40.00	20.00
Tetanus.....	1	33				
Vaccination.....	1 21	12 10	11	17	244.38	22.22
Multiple injuries.....	11 45	19 28	32	33	2,025.44	63.30
Total.....	54 689		260		16,576.32	
Grand total.....	1,050 11,936		6,502		433,698.55	
PERMANENT PARTIAL DISABILITIES.						
Eye.....	1 2	37 382	2	382	a 3,270.48	1,635.24
Eyes.....	1	433	1	433	956.51	956.51
Foreign substance in eye.....	7 18	221 182	16	204	b 20,718.70	1,294.92
Broken arch.....	1	193	1	193	265.44	265.44
General crushing.....	1 1	384 384	1	384	c 4,447.71	4,447.71
Multiple injuries.....	1	287	1	287	493.36	493.36
Fallen arch.....	1	243	1	243	437.92	437.92
Paralysis.....	2	110	1	220	d 2,232.62	2,232.62
Bronchitis.....	1	879	1	879	e 4,337.45	4,337.45
Endocarditis.....	1	623	1	623	f 8,640.84	8,640.84
Pulmonary tuberculosis.....	2	218	1	435	g 3,787.60	3,787.60
Ribs fractured, lung punctured, hip dislocated.....	1	180	1	180	384.48	384.48
Loss of use of index finger and thumb, both hands.....	1	325	1	325	h 3,578.89	3,578.89
Total.....	9 33		29		53,552.00	
Grand total.....	146 571		498		565,846.87	

a One case lump-sum settlement, 25 per cent disability, \$1,614.88.

b One case lump-sum settlement, 5 per cent disability, \$327.15; one case lump-sum settlement, 10 per cent disability, \$1,337.75; one case lump-sum settlement, 7½ per cent disability, \$882.40; one case lump-sum settlement, 25 per cent disability, \$1,953.50; one case lump-sum settlement, 25 per cent disability, \$3,760.19; one case lump-sum settlement, 25 per cent disability, \$1,452.97; one case lump-sum settlement, 10 per cent disability, \$1,041.41; one case lump-sum settlement, 8 per cent disability, \$924.40.

c One case lump-sum settlement, 25 per cent disability, \$3,608.78.

d One case lump-sum settlement, 15 per cent disability, \$1,764.81.

e One case lump-sum settlement, 25 per cent disability, \$2,417.32.

f One case lump-sum settlement, 60 per cent disability, \$7,299.73.

g One case lump-sum settlement, 21 per cent disability, \$2,349.85.

h One case lump-sum settlement, 30 per cent disability, \$2,978.63.

Table 10 is a summary of the facts shown in detail in Table 9. It shows cases by nature of injury, giving separately the award in all cases and in cases in which infection occurred. Separation is made according to whether the disability was temporary or permanent as in Table 9.

TABLE 10.—SUMMARY OF ACCIDENTS, BY NATURE OF INJURY IN NONFATAL CASES, SHOWING THE RESULTS IN CASES WITH INFECTION, CALENDAR YEAR 1921.

Nature of injury.	All cases.		Cases in which infection occurred.				
	Number.	Award.	Number.	Award.	Per cent of cases, by nature of injury.	Per cent of all cases.	Per cent of awards for infections to total awards.
Bruises:							
Temporary total disabilities.....	4,094	\$91,691.99	451	\$22,576.99	.....	.....	.....
Permanent partial disabilities.....	88	66,103.74	43	20,717.91	.....	.....	.....
Total bruises.....	4,182	157,795.73	494	43,294.90	11.81	3.95	27.44
Burns and scalds:							
Temporary total disabilities.....	487	13,378.57	49	2,240.41	.....	.....	.....
Permanent partial disabilities.....	9	20,325.31	4	17,653.09	.....	.....	.....
Total burns and scalds.....	496	33,703.88	53	19,893.50	10.69	.42	59.02
Concussions:							
Temporary total disabilities.....	24	2,231.74	.....	.....	.....	.....	.....
Permanent partial disabilities.....	1	2,056.24	.....	.....	.....	.....	.....
Total concussions.....	25	4,287.98	.....	.....	.....	.....	.....
Cuts and lacerations:							
Temporary total disabilities.....	1,676	32,071.34	278	10,584.52	.....	.....	.....
Permanent partial disabilities.....	87	81,195.32	40	29,968.18	.....	.....	.....
Total cuts and lacerations.....	1,763	113,266.66	318	40,552.70	18.04	2.54	35.80
Amputations (traumatic).....	138	56,350.60	11	876.69	7.97	.09	15.56
Dislocations:							
Temporary total disabilities.....	101	8,537.69	1	12.67	.....	.....	.....
Permanent partial disabilities.....	5	5,979.57	.....	.....	.....	.....	.....
Total dislocations.....	106	14,517.26	1	12.67	.94	.01	.09
Fractures:							
Temporary total disabilities.....	1,571	153,018.31	19	4,568.42	.....	.....	.....
Permanent partial disabilities.....	159	219,699.97	27	27,925.34	.....	.....	.....
Total fractures.....	1,730	372,718.28	46	32,493.76	2.66	.37	8.72
Punctures:							
Temporary total disabilities.....	666	10,831.86	194	6,175.58	.....	.....	.....
Permanent partial disabilities.....	25	29,341.92	12	14,463.08	.....	.....	.....
Total punctures.....	691	40,173.78	206	20,638.66	29.81	1.65	51.37
Sprains and strains:							
Temporary total disabilities.....	2,628	105,360.73	4	395.75	.....	.....	.....
Permanent partial disabilities.....	26	31,242.20	.....	.....	.....	.....	.....
Total sprains and strains.....	2,654	136,602.93	4	395.75	.15	.03	.29
Miscellaneous:							
Temporary total disabilities.....	689	16,576.32	54	2,005.93	.....	.....	.....
Permanent partial disabilities.....	33	53,552.00	9	12,650.25	.....	.....	.....
Total, miscellaneous.....	722	70,128.32	63	14,656.18	8.73	.50	20.90
Grand total.....	12,507	999,545.42	1,196	172,814.81	.....	9.56	17.29

PERMANENT TOTAL DISABILITIES.

There is no specific provision in the Federal compensation act for permanent awards for permanent total disabilities. The manner of payment is the same as for any other disability; that is, payment while disability continues according to loss of earning capacity, with the same maximum and minimum monthly award. In many of the States, also, compensation is continued for life for permanent total disability cases, while only temporary limited benefits are given for permanent partial disability cases.

A careful examination was made of all the cases which have continued for a long time, and when the medical evidence as well as other facts warranted the cases have been classified in this group. In some instances there can be no difference of opinion as to the existence of permanent total disability, but in other cases a conclusion of probable permanent total disability is reached with some hesitation and must be reviewed at frequent intervals.

In the fourth annual report of the commission it was shown that the number of permanent total disabilities from September 7, 1916, to December 31, 1919, was 48, or at a rate of 198 cases per 100,000, and the fifth annual report showed that in 1920 there had been classified as such 33 more cases, making a total of 81, or a rate of 123 per 100,000. In this report it will be noted that during the year 1921, 89 cases were added to this classification, showing a total of 170 permanent total disabilities, or a rate of 216 per 100,000.

These figures will be misleading if it is not explained that these 170 cases now classed as permanent total disabilities are the result of injuries which have occurred since September 7, 1916, the date of the coming into operation of the present act. Some of these cases are such as would be promptly classed as permanent total disabilities under most of the State workmen's compensation acts, namely, loss of sight of both eyes, amputation of both legs, amputation of both arms, or loss of use of any two of these members. The majority of these cases, however, are not of this clearly defined character but cases in which as the result of a serious accident, and after all reasonable medical and hospital treatment has been given it still appears that because of his injury there is no probability that the disabled employee will ever be able to return to any wage-earning employment. The large number of cases added to this classification during the past year is not, therefore, due to any increase in serious accidents, but rather due to the fact that it has been possible to reach a definite judgment of permanent total disability because of the long period of treatment and observation of the cases. There are, of course, other cases now being compensated by the commission for what appears to be only temporary total disability, which will in the

end prove to be incurable, and which will therefore later be classed as permanent total disabilities.

While this permanent total disability rate may seem to be high, a comparison with the experience under other and older workmen's compensation acts will show that this impression is erroneous. A comparison with the number of deaths under the Federal compensation act shows approximately 8 permanent total disabilities to every 100 deaths. The statistics of other compensation acts show the ratio of permanent total disabilities to deaths—for Austria, 28.5; Germany, 14.7; Russia, 12.8; France, 8.4; and Italy, 7.5. For the State of Washington for 1913 to 1920, inclusive, the ratio was 5.6 permanent total disabilities to 100 deaths, and for the State of Pennsylvania for the four-year period 1916 to 1919, 11 permanent total disabilities per 100 deaths.

DISTRIBUTION OF ACCIDENTS ACCORDING TO DURATION OF DISABILITY AND EXTENT OF PERMANENT DISABILITY.

Table 11 shows the distribution according to duration or according to the character of permanent disability of the 78,825 cases which have been closed since the beginning of the Federal compensation act, September 7, 1916, to December 31, 1921. The cumulative experience for the third, fourth, and fifth annual reports is given in the first columns of this table for comparison with the experience on cases closed in 1921. By comparing the different periods we find that the more serious cases have been gradually increasing, as has been predicted.

Up to the end of December 31, 1920, the number of fatal cases per 100,000 was 2,544, while for the year 1921 this number was increased to 3,055, giving the cumulative experience to the end of December 31, 1921, of 2,629 per 100,000. The dismemberments which showed on the report to the end of December 31, 1920, to be 1,963 per 100,000 was increased by 277, giving the cumulative experience of 1,990 per 100,000 cases. The permanent partial disabilities other than dismemberments which showed an experience of 1,116 cases per 100,000 was increased by 294, making the cumulative experience 1,305 per 100,000. The permanent total disabilities which showed an experience of 123 cases per 100,000 was increased by 89, making the cumulative experience 216 per 100,000.

A very small variation is shown in the temporary disabilities as a whole, there being a reduction from 94,424 cases per 100,000 covering the period from September 7, 1916, to December 31, 1919, 93,757 for 1920, and 91,865 for 1921, with an average of 93,860 per 100,000 cases covering a period from September 7, 1916, to December 31, 1921. In the temporary disabilities some of those of longer duration would

naturally be closed in each succeeding period. Thus an annual tabulation of closed cases shows an increase in the number of injuries of over 28 days' duration with the increasing age of the law. In the third annual report these temporary disabilities of over 28 days' duration amounted to 14.77 per cent; in the year 1919 this number was increased to 19.97 per cent; in 1920 this number was increased to 23.32 per cent, while the sixth annual report shows this number decreased to 21.42 per cent. This latter figure is explained by referring to Table 1—"Report of injuries and claims received, September 7, 1916, to September 30, 1922," which shows that the number of claims filed for 1919 was 53.9 per cent of the number of accidents reported; for 1920, 54.4 per cent; for the year 1921, 44.41 per cent; and for the first six months of 1922, 40.7 per cent, thus showing that a larger number of trivial injuries have been reported each year.

TABLE 11.—DISTRIBUTION OF ACCIDENTS, ACCORDING TO DURATION OF DISABILITY AND EXTENT OF PERMANENT DISABILITY.

	Sept. 7, 1916, to Dec. 31, 1920.		1921				Cumulative experience.	
	Number of cases.	Number of cases per 100,000.	Number of cases.	Days' dura- tion.	Award.	Number of cases per 100,000.	Number of cases.	Number of cases per 100,000.
Fatal cases.....	1, 675	2, 544	397			3, 055	2, 072	2, 629
Dismemberments ¹	1, 292	1, 963	277	29, 471	\$164, 071. 84	2, 132	1, 569	1, 990
1. Eye.....	73		24	4, 641	41, 724. 03		97	
2. Eyes.....	1						1	
3. Ear, external.....	1						1	
4. Breast.....	1		1	21			2	
5. Testicles.....	1						1	
6. Arm, right.....	1							
7. Arm, left.....	3		2	1, 600	10, 767. 69		5	
8. Forearm, right.....	3		2	169	257. 79		5	
9. Forearm, left.....	2						2	
10. Hand, n. o. c., right.....	12		4	562	6, 880. 37		16	
11. Hand, n. o. c., left.....	6		1	1, 266	16, 268. 51		7	
12. Metacarpal, one, left.....	1						1	
13. Thumb, n. o. c., right.....	2						2	
14. Thumb, n. o. c., left.....	2						2	
15. Thumb, distal phalanx, right.....	45		10	345	524. 47		55	
16. Thumb, distal phalanx, left.....	46		11	485	2, 441. 50		57	
17. Thumb, proximal pha- lanx, right.....	14		1	36	71. 11		15	
18. Thumb, proximal pha- lanx, left.....	8						8	
19. Index finger, n. o. c., right.....	6		1	10			7	
20. Index finger, n. o. c., left.....	5		1	124	2, 237. 92		6	
21. Index finger, distal pha- lanx, right.....	94		15	522	634. 97		109	
22. Index finger, distal pha- lanx, left.....	79		13	528	718. 93		92	
23. Index finger, middle pha- lanx, right.....	23		6	365	610. 71		29	
24. Index finger, middle pha- lanx, left.....	14		4	82	164. 45		18	
25. Index finger, proximal phalanx, right.....	28		2	215	1, 156. 30		30	
26. Index finger, proximal phalanx, left.....	22		3	150	1, 129. 25		25	
27. Middle finger, n. o. c., right.....	3		3	258	448. 90		6	
28. Middle finger n. o. c., left.....	3						3	

¹ The total dismemberments include 7 "no time lost" cases of permanent partial disability.

TABLE II.—DISTRIBUTION OF ACCIDENTS, ACCORDING TO DURATION OF DISABILITY AND EXTENT OF PERMANENT DISABILITY—Continued.

	Sept. 7, 1916, to Dec. 31, 1920.		1921				Cumulative experience.	
	Num- ber of cases.	Num- ber of cases per 100,000.	Num- ber of cases.	Days' dura- tion.	Award.	Num- ber of cases per 100,000.	Num- ber of cases.	Num- ber of cases per 100,000.
Dismemberments—Continued.								
29. Middle finger, distal pha- lanx, right.....	97	.....	15	626	\$1,407.70	.....	112	.....
30. Middle finger, distal pha- lanx, left.....	78	.....	19	433	678.47	.....	97	.....
31. Middle finger, middle phalanx, right.....	18	.....	1	81	171.12	.....	19	.....
32. Middle finger, middle phalanx, left.....	17	.....	2	71	140.01	.....	19	.....
33. Middle finger, proximal phalanx, right.....	9	.....	2	710	1,412.76	.....	11	.....
34. Middle finger, proximal phalanx, left.....	8	.....	1	151	326.70	.....	9	.....
35. Ring finger, n. o. c., right..	2	.....	.....	.....	.....	.....	2	.....
36. Ring finger, n. o. c. o. left..	1	.....	2	144	300.02	.....	3	.....
37. Ring finger, distal pha- lanx, right.....	50	.....	7	189	245.70	.....	57	.....
38. Ring finger, distal pha- lanx, left.....	42	.....	6	217	338.64	.....	48	.....
39. Ring finger, middle pha- lanx, right.....	5	.....	.....	.....	.....	.....	5	.....
40. Ring finger, middle pha- lanx, left.....	8	.....	.....	.....	.....	.....	8	.....
41. Ring finger, proximal phalanx, right.....	8	.....	2	106	215.56	.....	10	.....
42. Ring finger, proximal phalanx, left.....	9	.....	1	14	23.83	.....	10	.....
43. Little finger, n. o. c., right..	2	.....	3	110	210.67	.....	5	.....
44. Little finger, distal pha- lanx, right.....	37	.....	12	322	507.91	.....	49	.....
45. Little finger, distal pha- lanx, left.....	41	.....	3	32	40.01	.....	44	.....
46. Little finger, middle pha- lanx, right.....	15	.....	6	419	1,236.64	.....	21	.....
47. Little finger, middle pha- lanx, left.....	10	.....	2	101	965.35	.....	12	.....
48. Little finger, proximal phalanx, right.....	18	.....	3	161	328.65	.....	21	.....
49. Little finger, proximal phalanx, left.....	9	.....	2	61	120.01	.....	11	.....
50. Thumb and one finger, right.....	12	.....	1	145	3,865.59	.....	13	.....
51. Thumb and one finger, left	5	.....	1	184	1,748.37	.....	6	.....
52. Thumb and two or more fingers, right.....	8	.....	1	53	4,207.36	.....	9	.....
53. Thumb and two or more fingers, left.....	7	.....	2	176	291.12	.....	9	.....
54. Two fingers, right.....	64	.....	26	1,961	15,045.22	.....	90	.....
55. Two fingers, left.....	47	.....	7	587	779.61	.....	54	.....
56. Three fingers, right.....	20	.....	9	1,517	6,162.99	.....	29	.....
57. Three fingers, left.....	10	.....	1	1,396	3,971.47	.....	11	.....
58. Four fingers, right.....	9	.....	1	261	544.48	.....	10	.....
59. Four fingers, left.....	8	.....	.....	.....	.....	.....	8	.....
60. Thigh.....	8	.....	3	604	953.39	.....	11	.....
61. Leg.....	22	.....	5	2,530	13,777.87	.....	27	.....
62. Foot, n. s.....	7	.....	1	387	7,192.69	.....	8	.....
63. Tarsals.....	.....	.....	1	289	626.76	.....	1	.....
64. Metatarsals.....	.....	.....	5	1,893	3,721.38	.....	6	.....
65. Great toe, n. o. c.....	10	.....	2	316	641.19	.....	12	.....
66. Great toe, one phalanx...	5	.....	2	101	204.46	.....	7	.....
67. Great toe, more than one phalanx.....	3	.....	1	124	268.90	.....	4	.....
68. Lesser toe, n. o. c.....	19	.....	3	150	160.01	.....	22	.....
69. Lesser toe, one phalanx...	8	.....	5	162	165.57	.....	13	.....
70. Lesser toe, more than one phalanx.....	4	.....	2	76	122.22	.....	6	.....
71. Great toe and lesser toe or toes.....	15	4	335	702.26	19
72. Two or more lesser toes...	17	1	897	4,212.28	18

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TABLE 11.—DISTRIBUTION OF ACCIDENTS, ACCORDING TO DURATION OF DISABILITY AND EXTENT OF PERMANENT DISABILITY—Continued.

	Sept. 7, 1916, to Dec. 31, 1920.		1921				Cumulative experience.	
	Number of cases.	Number of cases per 100,000.	Number of cases.	Days' dura- tion.	Award.	Number of cases per 100,000.	Number of cases.	Number of cases per 100,000.
Permanent total disability.....	81	123	89	.....	.....	685	170	216
Permanent partial disability, other than dismemberments....	735	1,116	294	88,428	401,775.03	2,263	1,029	1,305
1. Brain.....	3	.....	1	1,024	2,056.24	.....	4	.....
2. Eye.....	133	.....	37	5,763	40,452.61	.....	170	.....
3. Eyes.....	6	.....	1	433	956.51	.....	7	.....
4. Foreign substance in eye.....	6	.....	15	2,273	16,863.30	.....	21	.....
5. Ear, inner.....	6	.....	2	50	31.11	.....	8	.....
6. Ears, inner.....	1	.....	.....	.....	.....	.....	1	.....
7. Jaw.....	1	.....	.....	.....	.....	.....	1	.....
8. Skull.....	4	.....	2	230	303.26	.....	6	.....
9. Head, general.....	1	.....	.....	.....	.....	.....	1	.....
10. Nose.....	1	.....	.....	.....	.....	.....	1	.....
11. Face, n. o. c.....	1	.....	.....	.....	.....	.....	1	.....
12. Neck.....	1	.....	2	447	888.97	.....	2	.....
13. Two or more parts of face and neck, one not clearly major injury.....	1	.....	.....	.....	.....	.....	1	.....
14. Vertebra, n. o. c.....	3	.....	.....	.....	.....	.....	3	.....
15. Vertebra, cervical.....	2	.....	.....	.....	.....	.....	2	.....
16. Vertebra, lumbar.....	3	.....	2	637	1,338.16	.....	5	.....
17. Thorax, front.....	.....	.....	1	619	1,368.97	.....	1	.....
18. Thorax, posterior, lum- bar.....	8	.....	9	3,424	9,164.92	.....	17	.....
19. Abdominal viscera.....	1	.....	.....	.....	.....	.....	1	.....
20. Pelvic region.....	.....	.....	2	319	621.44	.....	2	.....
21. Pelvis, n. o. c.....	4	.....	1	221	428.34	.....	5	.....
22. Sacroiliac joint.....	2	.....	3	1,551	5,836.20	.....	5	.....
23. Anus, rectum, or peri- neum.....	1	.....	.....	.....	.....	.....	1	.....
24. Penis.....	1	.....	.....	.....	.....	.....	1	.....
25. Testicles.....	4	.....	.....	.....	.....	.....	4	.....
26. Hernia, inguinal.....	3	.....	1	410	848.96	.....	4	.....
27. Urethra.....	.....	.....	1	273	584.47	.....	1	.....
28. Scapula.....	4	.....	.....	.....	.....	.....	4	.....
29. Clavicle.....	6	.....	2	576	1,197.84	.....	8	.....
30. Shoulder joint, right (dislocated).....	10	.....	7	3,125	16,869.45	.....	17	.....
31. Shoulder joint, left (dis- located).....	1	.....	.....	.....	.....	.....	1	.....
32. Shoulder, general, right.....	9	.....	1	35	1,191.87	.....	10	.....
33. Shoulder, general, left.....	7	.....	3	923	7,656.08	.....	10	.....
34. Arm, right.....	9	.....	3	562	3,279.05	.....	12	.....
35. Arm, left.....	7	.....	2	962	6,496.42	.....	9	.....
36. Elbow, right.....	7	.....	10	3,360	19,145.07	.....	17	.....
37. Elbow, left.....	1	.....	1	85	146.67	.....	2	.....
38. Forearm, right.....	36	.....	8	1,923	10,374.45	.....	44	.....
39. Forearm, left.....	12	.....	2	594	4,344.86	.....	14	.....
40. Wrist, right.....	6	.....	13	3,911	15,467.10	.....	19	.....
41. Wrist, left.....	1	.....	6	2,734	11,253.88	.....	7	.....
42. Arms, or one arm and one hand.....	2	.....	.....	.....	.....	.....	2	.....
43. Hand, n. o. c., right.....	12	.....	.....	.....	.....	.....	12	.....
44. Hand, n. o. c., left.....	1	.....	2	572	2,881.23	.....	3	.....
45. Hand, back of, right.....	2	.....	1	31	62.23	.....	3	.....
46. Hand, back of, left.....	.....	.....	1	69	93.34	.....	1	.....
47. Palm, right.....	6	.....	1	240	2,825.44	.....	7	.....
48. Palm, left.....	.....	.....	1	215	396.40	.....	1	.....
49. Hands, n. o. c.....	2	.....	.....	.....	.....	.....	2	.....
50. Metacarpal, one, right.....	5	.....	.....	.....	.....	.....	5	.....
51. Metacarpal, one, left.....	2	.....	.....	.....	.....	.....	2	.....
52. Metacarpal, more than one, right.....	1	.....	.....	.....	.....	.....	1	.....
53. Metacarpal, more than one, left.....	2	.....	.....	.....	.....	.....	2	.....
54. Thumb, n. o. c., right.....	14	.....	3	382	2,884.08	.....	17	.....
55. Thumb, n. o. c., left.....	15	.....	3	838	3,647.89	.....	18	.....
56. Thumb, distal phalanx, right.....	.....	.....	1	206	1,111.54	.....	1	.....
57. Thumb, distal phalanx, left.....	1	.....	3	280	1,250.68	.....	4	.....

TABLE 11.—DISTRIBUTION OF ACCIDENTS, ACCORDING TO DURATION OF DISABILITY AND EXTENT OF PERMANENT DISABILITY—Continued.

	Sept. 7, 1916, to Dec. 31, 1920.		1921				Cumulative experience.	
	Number of cases.	Number of cases per 100,000.	Number of cases.	Days' dura- tion.	Award.	Number of cases per 100,000.	Number of cases.	Number of cases per 100,000.
Permanent partial disability, other than dismembersments— Continued.								
58. Thumb, proximal phalanx, right	2		1	80	\$534.31		3	
59. Thumb, proximal phalanx, left	3		1	8			4	
60. Index finger, n.o.c., right	28		6	1,418	3,826.60		34	
61. Index finger, n.o.c., left	7		2	59	93.33		9	
62. Index finger, distal phalanx, right	6		2	116	237.79		8	
63. Index finger, distal phalanx, left	2		1	5	2.22		3	
64. Index finger, middle phalanx, right	2						2	
65. Index finger, middle phalanx, left	2		1	160	738.69		3	
66. Index finger, proximal phalanx, right	1		2	156	214.66		3	
67. Index finger, proximal phalanx, left	4		1	30	57.78		5	
68. Middle finger, n. o. c., right	13		2	199	424.47		15	
69. Middle finger, n.o.c., left	5						5	
70. Middle finger, distal phalanx, right	4						4	
71. Middle finger, distal phalanx, left	1		1	1			2	
72. Middle finger, middle phalanx, right	3		1	20	35.56		4	
73. Middle finger, middle phalanx, left	1		1	28			2	
74. Middle finger, proximal phalanx, right	3		1	28	55.55		4	
75. Ring finger, n. o. c., right	5						5	
76. Ring finger, n. o. c., left	3		1	32			4	
77. Ring finger, distal phalanx, right	2						2	
78. Ring finger, distal phalanx, left	2						2	

	Sept. 7, 1916, to Dec. 31, 1919.		1921				Cumulative experience.	
	Number of cases.	Number of cases per 100,000.	Number of cases.	Days' dura- tion.	Award.	Number of cases per 100,000.	Number of cases.	Number of cases per 100,000.
79. Ring finger, middle phalanx, right			1	66	\$142.24		1	
80. Ring finger, proximal phalanx, right	1						1	
81. Little finger, n. o. c., right	6						6	
82. Little finger, n. o. c., left	5						5	
83. Little finger, distal phalanx, right	2		2	42	80.01		4	
84. Little finger, distal phalanx, left	2						2	
85. Little finger, middle phalanx, right	2						2	
86. Little finger, middle phalanx, left	1						1	
87. Little finger, proximal phalanx, right	5						5	
88. Little finger, proximal phalanx, left			3	112	58.03		3	
89. Thumb and one finger, right	3						3	

TABLE 11.—DISTRIBUTION OF ACCIDENTS, ACCORDING TO DURATION OF DISABILITY AND EXTENT OF PERMANENT DISABILITY—Continued.

	Sept. 7, 1916, to Dec. 31, 1919.		1921				Cumulative experience.	
	Number of cases.	Number of cases per 100,000.	Number of cases.	Days' dura- tion.	Award.	Number of cases per 100,000.	Number of cases.	Number of cases per 100,000.
Permanent partial disability, other than dismemberments— Continued.								
90. Thumb and one finger, left.....	1		1	159	\$188.90		2	
91. Thumb and two or more fingers, right.....	1		2	796	5,674.04		3	
92. Two fingers, right.....	11		2	36	64.00		13	
93. Two fingers, left.....	3						3	
94. Three fingers, right.....	1		2	62	1,565.45		3	
95. Three fingers, left.....	1		1	96	197.79		2	
96. Four fingers, right.....	1						1	
97. Hip.....	6						6	
98. Hip joint.....	8		7	2,601	6,351.18		15	
99. Femur.....	15		16	8,378	30,473.74		31	
100. Thigh.....	26						26	
101. Patella.....	5		1	235	494.94		6	
102. Knee.....	19		6	2,817	12,040.34		25	
103. Leg.....	67		16	7,713	26,328.28		83	
104. Ankle.....	13		18	9,984	35,654.40		31	
105. Foot, n. o. c.....	15						15	
106. Top of foot.....	1						1	
107. Tarsals.....	2		3	1,804	4,486.42		5	
108. Os calcis.....	9		3	2,343	12,075.98		12	
109. Metatarsals.....	4		5	1,075	5,524.72		9	
110. Feet.....	1						1	
111. Heel.....	1		1	21			1	
112. Broken arch.....	1		1	193	265.44		2	
113. Great toe, n. o. c.....	4		1	12	11.11		5	
114. Great toe, one phalanx.....	1		2	68	133.34		3	
115. Great toe, more than one phalanx.....			1	45	91.12		1	
116. Great toe and lesser toe.....			1	276	600.04		1	
117. Malleolus.....	4		3	1,912	6,715.49		7	
118. Multiple injuries.....	7		4	1,863	12,275.03		11	
119. General crushing.....			1	384	4,447.71		1	
120. Falling arch, posterior.....			3	477	933.55		3	
121. Paralysis.....	2		2	220	2,232.62		4	
122. Shell shock.....	2						2	
123. Endocarditis.....			1	623	8,640.84		1	
124. Bronchitis.....			1	879	4,337.45		1	
125. Nose (disfigurement).....	1						1	
126. Ribs fractures, lung punctured, hip dis- located, other injuries to teeth, lips, and shoulder.....			1	180	384.48		1	
127. Loss of use of thumb and first finger of both hands.....			1	325	3,578.89		1	
128. Pulmonary tuberculosis.....			2	435	3,787.60		2	
129. Amputation of forearm and loss of use of other arm and hand ²			1	559	11,399.87		1	
Temporary disability.....	62,049	94,254	11,936	284,227	\$433,698.55	91,865	73,985	93,860
1 to 3 days.....	10,753	16,334	³ 2,233	4,534		17,187	12,986	16,473
4 to 7 days.....	12,604	20,665	2,434	13,250	4,872.11	18,734	16,038	20,346
8 to 14 days.....	13,846	21,032	2,550	27,611	24,358.16	19,627	16,396	20,801
15 to 21 days.....	7,612	11,563	1,336	23,770	27,546.00	10,283	8,948	11,351
22 to 28 days.....	4,321	6,564	826	20,585	27,188.29	6,357	5,147	6,530
29 to 35 days.....	3,128	4,751	587	18,719	27,029.09	4,518	3,715	4,713
36 to 42 days.....	4,321	6,564	430	16,820	25,477.43	3,309	2,413	3,061
43 to 49 days.....	1,511	2,295	320	15,027	23,942.10	2,463	1,831	2,323
50 to 56 days.....	1,078	1,638	226	11,998	19,724.19	1,739	1,304	1,654
57 to 63 days.....	854	1,297	168	10,097	16,962.44	1,293	1,022	1,297
64 to 70 days.....	546	829	117	7,864	14,058.25	900	663	841
71 to 77 days.....	447	679	85	6,313	11,033.58	654	532	675

² In order to get a proper cumulative experience this case has been included in this table.³ 31 "no claim filed" cases that showed no duration have been added to 1 to 3 day column.

NOTE.—The total of "other than dismemberments" includes 1 "no time lost" case of permanent partial disability.

TABLE 11.—DISTRIBUTION OF ACCIDENTS, ACCORDING TO DURATION OF DISABILITY AND EXTENT OF PERMANENT DISABILITY—Continued.

	Sept. 7, 1916, to Dec. 31, 1919.		1921				Cumulative experience.	
	Number of cases.	Number of cases per 100,000.	Number of cases.	Days' dura- tion.	Award.	Number of cases per 100,000.	Number of cases.	Number of cases per 100,000.
Temporary disability—Contd.								
78 to 84 days.....	356	541	86	6,965	\$12,601.23	662	442	561
85 to 91 days.....	317	482	55	4,820	9,081.50	423	372	472
92 to 98 days.....	198	301	50	4,758	8,630.10	385	248	315
99 to 105 days.....	188	286	38	3,879	7,246.45	292	226	287
106 to 112 days.....	139	211	42	4,587	8,166.16	323	181	230
113 to 119 days.....	112	170	31	3,595	6,663.53	239	143	181
120 to 126 days.....	123	187	32	3,938	7,498.95	246	155	197
127 to 133 days.....	93	141	25	3,245	6,529.03	192	118	150
134 to 140 days.....	73	111	19	2,602	5,232.36	146	92	117
141 to 147 days.....	67	102	18	2,584	4,786.23	139	85	108
148 to 154 days.....	64	97	19	2,874	5,760.63	146	83	105
155 to 161 days.....	50	76	8	1,269	2,324.62	62	58	74
162 to 168 days.....	47	71	13	2,139	3,604.87	100	60	76
169 to 175 days.....	34	52	10	1,715	3,593.25	77	44	56
176 to 182 days.....	37	56	5	888	1,663.92	38	42	53
183 to 365 days.....	374	568	129	32,477	65,345.79	993	503	638
366 to 547 days.....	65	99	25	11,170	23,222.55	192	90	114
548 to 730 days.....	20	30	10	6,260	12,970.16	77	30	38
Over 730 days.....	9	14	9	7,874	16,585.58	69	18	23
Grand total.....	65,832	100,000	12,993	.....	.....	100,000	78,825	100,000

TABLE 12.—DURATION OF DISABILITY IN CASES OF TEMPORARY TOTAL DISABILITY.

Period of disability.	Sept. 7, 1916, to Dec. 31, 1920.			1921				
	Number of cases.	Per cent of total number of cases.	Cumula- tive per cent.	Number of cases.	Dura- tion.	Award.	Per cent of total number of cases.	Cumula- tive per cent.
1 to 3 days.....	10,753	17.33	17.33	2,233	4,534	.....	18.71	18.71
4 to 7 days.....	13,604	21.93	39.26	2,434	13,250	\$4,872.11	20.39	39.10
8 to 14 days.....	13,846	22.31	61.57	2,550	27,611	24,358.16	21.37	60.47
15 to 21 days.....	7,612	12.27	73.84	1,336	23,770	27,546.00	11.19	71.66
22 to 28 days.....	4,321	6.96	80.80	826	20,585	27,188.29	6.92	78.58
29 to 35 days.....	3,128	5.04	85.84	587	18,719	27,029.09	4.92	83.50
36 to 42 days.....	1,983	3.20	89.04	430	16,820	25,477.43	3.60	87.10
43 to 49 days.....	1,511	2.44	91.48	320	15,027	23,942.10	2.68	89.78
50 to 56 days.....	1,078	1.74	93.22	226	11,998	19,724.19	1.89	91.67
57 to 63 days.....	854	1.38	94.60	168	10,097	16,962.44	1.41	93.08
64 to 70 days.....	546	.88	95.48	117	7,864	14,058.25	.98	94.06
71 to 77 days.....	447	.72	96.20	85	6,313	11,033.58	.71	94.77
78 to 84 days.....	356	.57	96.77	86	6,965	12,601.23	.72	95.49
85 to 91 days.....	317	.51	97.28	55	4,820	9,081.50	.46	95.95
92 to 98 days.....	198	.32	97.60	50	4,758	8,630.10	.42	96.37
99 to 105 days.....	188	.30	97.90	38	3,879	7,246.45	.32	96.69
106 to 112 days.....	139	.22	98.12	42	4,587	8,166.16	.35	97.04
113 to 119 days.....	112	.18	98.30	31	3,595	6,663.53	.26	97.30
120 to 126 days.....	123	.20	98.50	32	3,938	7,498.95	.27	97.57
127 to 133 days.....	93	.15	98.65	25	3,245	6,529.03	.21	97.78
134 to 140 days.....	73	.12	98.77	19	2,602	5,232.36	.16	97.94
141 to 147 days.....	67	.11	98.88	18	2,584	4,786.23	.15	98.09
148 to 154 days.....	64	.103	98.983	19	2,874	5,760.63	.16	98.25
155 to 161 days.....	50	.08	99.063	8	1,269	2,324.62	.07	98.32
162 to 168 days.....	47	.076	99.139	13	2,139	3,604.87	.11	98.43
169 to 175 days.....	34	.054	99.193	10	1,715	3,593.25	.08	98.51
176 to 182 days.....	37	.06	99.253	5	888	1,663.92	.04	98.55
183 to 365 days.....	374	.60	99.853	129	32,477	65,345.79	1.08	99.63
366 to 547 days.....	65	.105	99.958	25	11,170	23,222.55	.21	99.84
548 to 730 days.....	20	.032	99.99	10	6,260	12,970.16	.08	99.92
Over 730 days.....	9	.01	100.00	9	7,874	16,585.58	.08	100.00
Total.....	62,049	100.00	.....	11,936	284,227	433,698.55	100.00	.....

COMPARISON OF WAGE LOSS AND COMPENSATION PAID.

The Federal compensation act grants compensation in the event of disability on the basis of two-thirds of the loss of wages after a waiting period for three days. The maximum rate at which compensation can be paid is, however, \$66.67 per month. At the time of the enactment of the law, in 1916, a large percentage of Government employees were receiving less than the maximum base rate of \$100 per month, and the maximum compensation rate of \$66.67 per month was apparently assumed to be adequate to meet the actual minimum necessary cost of living in times of emergency. Conditions have, however, greatly changed, as will be indicated by an examination of Table 13.

This table on wage loss is taken from temporary total disability cases only in order to give as near accurate figures as possible. Permanent partial disabilities, especially where lump-sum settlements were involved, would not give the actual wage loss.

This table sets forth very graphically the operation of maximum award under the compensation act and shows what effect the increase or decrease in wages in general has upon the payment of compensation. For instance, it will be noted that the percentage of injured workmen receiving wages high enough to be affected by the maximum award in the calendar years 1917-18 was 35 per cent, in 1919 was 68.34 per cent, in 1920 was 81.87 per cent, and in 1921 was 80.07 per cent, showing that there was a drop in wages during the year 1921 and fewer men were receiving the maximum and over. The percentage of wage loss paid in compensation in these same cases for 1917-18 was 44.15 per cent, for 1919 was 44.50 per cent, for 1920 was 41.18 per cent, and for 1921 was 43.34 per cent. Section 3 of the compensation act provides that there shall be paid to a disabled employee during such disability a monthly compensation equal to $66\frac{2}{3}$ per cent of his monthly pay, but section 6 provides for a maximum amount of compensation of \$66.67 and a minimum of \$33.33 per month, and due to the fact that such a large percentage of the injured employees were receiving wages in excess of the maximum (\$100 per month), it operates to reduce the percentage of wage loss paid in compensation and, as shown by this table, the amount has ranged from 41.18 per cent to 44.50 per cent, varying slightly from year to year. For the higher-paid employees the percentage of the wage loss received as compensation was considerably below 40 per cent; in other words, the employees' money loss of wages because of injuries greatly exceeds the compensation cost to the Government.

TABLE 13.—WAGE LOSS AND COMPENSATION COMPARED, SHOWING THE EFFECTS OF MINIMUM AND MAXIMUM SCHEDULE OF COMPENSATION FOR TEMPORARY TOTAL DISABILITY CASES ONLY, CALENDAR YEAR 1921.

Establishment.	Full wages paid— \$1.11 per day and under.		Minimum—\$1.12 to \$1.66½, inclusive.		66½ per cent— \$1.67 to \$3.33.		\$3.34 to \$5.		Over \$5.		Total.			
	Number of cases.	Per cent of total number.	Number of cases.	Per cent of total number.	Number of cases.	Per cent of total number.	Number of cases.	Per cent of total number.	Number of cases.	Per cent of total number.	Number of cases.	Compensation.	Wage loss.	Per cent of wage loss paid in compensation.
Agriculture:														
All cases.....	1	0.25	8	2.04	72	18.32	244	62.09	68	17.30	393			
Compensated cases.....			3	1.63	26	14.13	126	68.48	29	15.76	184	\$13,558.38	\$28,651.11	47.32
Commerce:														
All cases.....			2	1.33	60	40.00	66	44.00	22	14.67	150			
Compensated cases.....					13	25.00	28	53.85	11	21.15	52	7,503.20	16,719.13	44.88
Interior:														
All cases.....	1	.20	5	1.01	126	25.35	274	55.13	91	18.31	497			
Compensated cases.....			2	.65	72	23.53	172	56.21	60	19.61	306	18,109.04	42,192.26	42.92
Labor:														
All cases.....					36	57.14	21	33.33	6	9.53	63			
Compensated cases.....					8	72.73	3	27.27			11	1,808.49	3,573.72	50.61
Navy:														
Boston yard—														
All cases.....					11	2.69	170	41.67	227	55.64	408			
Compensated cases.....					3	1.30	101	43.72	127	54.98	231	14,223.15	36,717.31	38.74
Bremerton yard—														
All cases.....					8	4.33	81	43.78	96	51.89	185			
Compensated cases.....					5	4.14	58	47.93	58	47.93	121	4,714.17	13,217.81	35.67
Charleston yard—														
All cases.....					17	31.48	17	31.48	20	37.04	54			
Compensated cases.....					9	33.33	10	37.04	8	29.63	27	772.34	2,187.47	35.31
Mare Island yard—														
All cases.....							52	39.69	79	60.31	131			
Compensated cases.....							43	41.75	60	58.25	103	6,664.53	18,830.14	35.39
New York yard—														
All cases.....					6	1.23	180	36.81	303	61.96	489			
Compensated cases.....					5	1.52	123	37.27	202	61.21	330	18,676.01	53,789.89	34.72
Norfolk yard—														
All cases.....					8	6.67	63	52.50	49	40.83	120			
Compensated cases.....					1	1.54	37	56.92	27	41.54	65	2,281.33	6,285.84	36.29
Philadelphia yard—														
All cases.....					26	4.41	269	45.67	294	49.92	589			
Compensated cases.....					15	4.23	167	47.04	173	48.73	355	18,184.00	47,704.47	38.12
Portsmouth yard—														
All cases.....							15	45.45	18	54.55	33			
Compensated cases.....							15	46.88	17	53.12	32	1,928.45	5,200.88	37.08

TABLE 13.—WAGE LOSS AND COMPENSATION COMPARED, SHOWING THE EFFECTS OF MINIMUM AND MAXIMUM SCHEDULE OF COMPENSATION FOR TEMPORARY TOTAL DISABILITY CASES ONLY, CALENDAR YEAR 1921—Continued.

Establishment.	Full wages paid— \$1.11 per day and under.		Minimum—\$1.12 to \$1.66½, inclusive.		66½ per cent— \$1.67 to \$3.33.		\$3.34 to \$5.		Over \$5.		Total.			
	Number of cases.	Per cent of total number.	Number of cases.	Per cent of total number.	Number of cases.	Per cent of total number.	Number of cases.	Per cent of total number.	Number of cases.	Per cent of total number.	Number of cases.	Compensation.	Wage loss.	Per cent of wage loss paid in compensation
Navy—Continued.														
Washington yard—														
All cases					2	1.70	38	32.20	78	66.10	118			
Compensated cases					1	1.03	31	31.96	65	67.01	97	\$7,322.83	\$20,850.30	35.12
Total yards														
All cases					78	3.67	885	41.61	1,164	54.72	2,127			
Compensated cases					39	2.87	585	42.98	737	54.15	1,361	74,766.81	204,784.11	36.51
All other—														
All cases	19	3.93	16	3.30	51	10.54	218	45.04	180	37.19	484			
Compensated cases	15	5.07	16	5.41	28	9.46	137	46.28	100	33.78	296	20,094.14	48,556.16	41.38
Total Navy														
All cases	19	.73	16	.61	129	4.94	1,103	42.24	1,344	51.48	2,611			
Compensated cases	15	.91	16	.97	67	4.04	722	43.57	837	50.51	1,637	94,860.95	253,340.27	37.44
Post office:														
City Mail Service (in-														
door)—														
All cases					36	4.07	732	82.71	117	13.22	885			
Compensated cases					21	5.77	298	81.87	45	12.36	364	19,304.69	45,486.30	42.44
City Mail Service (out-														
door)—														
All cases	4	.22	4	.22	97	5.26	1,645	89.15	95	5.15	1,845			
Compensated cases	4	.40	3	.30	86	8.58	822	82.04	87	8.68	1,002	61,124.20	140,925.99	43.37
Railway Mail Service—														
All cases														
Compensated cases														
Rural Free Delivery—														
All cases					3	1.75	37	21.64	131	76.61	171			
Compensated cases					2	1.53	30	22.90	99	75.57	131	13,967.01	34,031.07	41.04
Aerial Service—														
All cases					9	21.43	20	47.62	13	30.95	42			
Compensated cases							3	50.00	3	50.00	6	393.35	939.80	41.85
Total Post Office—														
All cases	4	.12	4	.12	145	4.18	2,645	76.33	667	19.25	3,465			
Compensated cases	4	.24	3	.18	109	6.42	1,249	73.60	332	19.56	1,697	114,023.10	269,758.95	42.27
Treasury:														
All cases	5	.70	17	2.39	207	29.16	287	40.42	194	27.33	710			
Compensated cases			5	2.39	51	24.40	95	45.46	58	27.75	209	17,956.91	38,595.73	46.53

[illegible]

TABLE 13.—WAGE LOSS AND COMPENSATION COMPARED, SHOWING THE EFFECTS OF MINIMUM AND MAXIMUM SCHEDULE OF COMPENSATION FOR TEMPORARY TOTAL DISABILITY CASES ONLY, CALENDAR YEAR 1921—Continued.

Establishment.	Full wages paid— \$1.11 per day and under.		Minimum—\$1.12 to \$1.66½, inclusive.		66½ per cent— \$1.67 to \$3.33.		\$3.34 to \$5.		Over \$5.		Total.			
	Number of cases.	Per cent of total number.	Number of cases.	Per cent of total number.	Number of cases.	Per cent of total number.	Number of cases.	Per cent of total number.	Number of cases.	Per cent of total number.	Number of cases.	Compen- sation.	Wage loss.	Per cent of wage loss paid in com- pensation
War—Continued.														
Quartermaster—														
All cases.....	1	.09	12	1.11	463	42.71	498	45.94	110	10.15	1,084			
Compensated cases.....			9	1.56	240	41.59	259	44.89	69	11.96	577	\$53,204.87	\$102,669.70	51.82
All other War—														
All cases.....					104	32.40	156	48.60	61	19.00	321			
Compensated cases.....					44	36.97	58	48.74	17	14.29	119	9,516.18	18,927.27	50.28
Total War—														
All cases.....	4	.11	31	.84	1,372	37.14	1,716	46.45	571	15.46	3,694			
Compensated cases.....	3	.14	21	.98	764	35.62	1,014	47.27	343	15.99	2,145	147,574.09	303,592.23	48.61
Government Printing Office:														
All cases.....					9	13.04	44	63.77	16	23.19	69			
Compensated cases.....					5	10.42	31	64.58	12	25.00	48	1,875.86	4,199.42	44.67
Miscellaneous:														
All cases.....	15	5.28	18	6.34	73	25.70	116	40.85	62	21.83	284			
Compensated cases.....	11	5.70	14	7.25	42	21.76	87	45.08	39	20.21	193	16,451.86	40,055.20	41.07
Grand total, 1921:														
All cases.....	49	.41	101	.85	2,229	18.67	6,516	54.59	3,041	25.48	11,936			
Compensated cases.....	33	.51	64	.98	1,157	17.79	3,527	54.25	1,721	26.47	6,502	433,698.55	1,000,640.52	43.34
1920:														
All cases.....	89	.57	96	.61	2,655	16.95	8,593	54.86	4,230	27.01	15,663			
Compensated cases.....	44	.47	45	.48	1,453	15.42	5,480	58.14	2,402	25.49	9,424	610,137.40	1,481,478.05	41.18
1919:														
All cases.....	243	1.34	118	.65	5,379	29.67	8,240	45.45	4,150	22.89	18,130			
Compensated cases.....	77	.66	65	.56	3,401	29.07	5,508	47.09	2,647	22.63	11,698	622,696.97	1,399,195.18	44.50
1917 and 1918: All cases.....	676	2.4	819	2.9	16,883	59.7	19,878	35.00			28,256	615,934.13	1,395,170.00	44.15

¹ Includes all over \$5.

DEATHS WITH AND WITHOUT DEPENDENTS, AND VALUE OF AWARDS.

Table 14 shows the number of deaths with and without dependents and value of awards made according to each department and important bureau or establishment.

Out of the 310 deaths which were passed upon by the commission in 1921, 60, or 19.3 per cent, were without dependents, while 250, or 80.7 per cent, were with dependents. This percentage compared with 1920 is quite different in the number of dependents, which showed 31.79 per cent without dependents and 68.21 with dependents. The average monthly compensation in the 250 cases for 1921 amounts to \$37.58 and the average estimated valuation of the award is \$5,382.44. In 1920 the average monthly compensation amounted to \$34.39 and the average estimated valuation of the award was \$4,805.64. In 1919 the average monthly compensation was \$37.92 and the average valuation of award was \$5,486.37. In computing the present values of awards only the probability of dying has been taken into consideration as required by law when a lump-sum settlement is made. Remarriage, cessation of dependency, and increase of compensation of children upon the death or remarriage of mother, as factors, have been ignored.

No attempt has been made to compute savings to the compensation fund from death or remarriage. No reserve is set up when an award is made, and consequently no allowance is made for the return of unused reserves to the fund, and it does not become a factor in the administration of the act for the reason that compensation is paid from an appropriation from Congress which is made according to the estimated needs of the coming year.

TABLE 14.—NUMBER OF DEATHS WITH AND WITHOUT DEPENDENTS, AND VALUE OF AWARD, CALENDAR YEAR 1921.

Department and bureau or establishment.	Number of fatal cases.	Number with no dependents.	Number with dependents.	Total monthly pension.	Estimated valuation.	Burials.		Medical payments, transportation, etc.			Total cost.
						Number.	Amount of awards.	Compensation before death.	Number of cases.	Amount of awards.	
Agriculture:											
Forest Service.....	4	2	2	\$55.00	\$8,992.00	4	\$400.00	\$57.00	3	\$546.20	\$9,995.20
Public Roads and Rural Engineering.....	1		1	10.00	780.00	1	100.00	.....	1	264.00	1,144.00
All other.....	3		3	128.25	24,572.00	3	300.00	13.33	2	292.00	25,177.33
Total Agriculture.....	8	2	6	193.25	34,344.00	8	800.00	70.33	6	1,102.20	36,316.53
Commerce: Lighthouse Bureau.....	6	1	5	206.67	32,093.00	5	488.00	.....	1	60.00	32,641.00
Government Printing Office.....	1		1	45.00	8,570.00	1	100.00	186.68	.....	.....	8,856.68
Interior:											
Indian Affairs.....	4		4	149.44	24,319.00	4	363.50	3,284.02	2	895.48	28,862.00
Reclamation Service.....	5	1	4	175.05	21,586.00	4	355.00	813.38	3	393.25	23,147.63
All other.....	3	2	1	66.67	10,748.00	3	300.00	20.00	1	586.00	11,654.00
Total Interior.....	12	3	9	391.16	56,653.00	11	1,018.50	4,117.40	6	1,874.73	63,663.63
Labor: Immigration Bureau.....	1		1	65.00	8,914.00	1	100.00	.....	.....	.....	9,014.00
Navy:											
Yards—											
Bremerton.....	4	1	3	70.00	5,193.00	4	400.00	22.22	.....	.....	5,615.22
Charleston.....	1		1	35.00	7,023.00	1	100.00	.....	.....	.....	7,123.00
Mare Island.....	5	2	3	95.00	11,321.00	3	300.00	.....	.....	.....	11,621.00
New York.....	4	1	3	126.04	13,220.00	4	400.00	1,534.36	3	687.80	15,842.16
Norfolk.....	2		2	90.00	10,924.00	2	200.00	.....	.....	.....	11,124.00
Philadelphia.....	10	3	7	280.00	44,599.00	10	1,000.00	3,136.71	5	240.80	48,976.51
Washington.....	1		1	55.00	7,713.00	1	100.00	17.78	1	36.00	7,866.78
Total yards.....	27	7	20	751.04	99,993.00	25	2,500.00	4,711.07	9	964.60	108,168.67
Stations—											
Cavite.....	1		1	17.50	2,918.00	.....	.....	.....	.....	.....	2,918.00
Olongapo.....	1		1	29.70	5,816.00	1	38.49	.....	.....	.....	5,854.49
Proving grounds.....	3		3	171.67	25,294.00	3	279.00	13.33	1	14.00	25,600.33

Supplies and Accounts (other than yards).....	1		1	65.00	8,525.00	1	100.00			8,625.00
All other Navy.....	3	1	2	24.08	1,865.00	2	200.00	2	21.50	2,086.50
Total other Navy.....	9	1	8	307.95	44,418.00	7	617.49	3	35.50	45,084.32
Total Navy Department.....	36	8	28	1,058.99	144,411.00	32	3,117.49	12	1,000.10	153,252.99
Post Office:										
City Mail Service (indoor).....	6	1	5	141.87	20,314.00	6	600.00	4	2,491.80	24,112.53
City Mail Service (outdoor).....	15	1	14	550.91	78,711.00	15	1,500.00	8	2,114.75	84,872.00
Railway Mail Service.....	6		6	301.67	43,049.00	4	400.00	5	1,718.63	46,870.00
Rural Free Delivery.....	9	1	8	317.00	42,262.00	9	871.05	4	1,085.40	44,931.82
Aerial Service.....	15	4	11	385.00	70,055.00	15	1,500.00	13	2,741.14	74,296.14
Total Post Office.....	51	7	44	1,696.45	254,391.00	49	4,871.05	34	10,151.72	275,082.49
Treasury:										
Custodian.....	1		1	29.75	6,037.00	1	100.00	1	14.00	6,151.00
Customs.....	1		1	66.67	8,781.00	1	100.00			8,881.00
Engraving and Printing.....	1	1				1	100.00	1	602.37	1,999.38
Internal Revenue.....	13		13	678.34	107,523.00	13	1,300.00	5	904.99	109,727.99
Public Health Service.....	5	2	3	141.34	22,150.00	5	500.00	1	60.00	25,011.68
Veterans' Bureau.....	3	1	2	71.00	9,812.00	3	300.00	2	93.00	10,480.59
All other.....	1		1	45.00	5,822.00	1	100.00			5,922.00
Total Treasury.....	25	4	21	1,032.10	160,125.00	25	2,500.00	10	1,674.36	168,173.64
War:										
Ordnance—Arsenals—										
Edgewood.....	2		2	21.92	1,615.00	1	100.00	2	14.00	1,729.00
Frankford.....	1		1	55.00	10,256.00	1	100.00	1	115.00	10,471.00
Raritan.....	2		2	65.00	3,681.00					3,449.00
Total arsenals.....	5		5	141.92	15,552.00	2	200.00	3	129.00	15,649.00
Other Ordnance—										
Supply depots.....	3		3	156.67	27,454.00	2	160.00	1	3.00	27,925.91
Proving grounds.....	2	1	1	45.00	9,082.00	2	200.00			9,282.00
All other Ordnance.....	3		3	85.00	9,531.00	3	300.00	1	373.25	11,876.41
Total other Ordnance.....	8	1	7	286.67	46,067.00	7	660.00	2	376.25	49,084.32
Total all Ordnance.....	13	1	12	428.59	61,619.00	9	860.00	5	505.25	64,733.32
Engineer.....	62	16	46	1,784.28	260,139.00	46	4,349.25	13	540.75	265,301.00

TABLE 14.—NUMBER OF DEATHS WITH AND WITHOUT DEPENDENTS, AND VALUE OF AWARD, CALENDAR YEAR 1920—Continued.

Department and bureau or establishment.	Number of fatal cases.	Number with no dependents.	Number with dependents.	Total monthly pension.	Estimated valuation.	Burials.		Medical payments, transportation, etc.			Total cost.
						Number.	Amount of awards.	Compensation before death.	Number of cases.	Amount of awards.	
War—Continued.											
Quartermaster—											
Army Transport Service.....	7	1	6	\$206.67	\$31,567.00	4	\$325.14	\$675.59			\$32,567.73
Supply Depots.....	8	3	5	216.91	33,272.00	8	743.47	160.01	7	\$253.56	34,429.04
All other ¹	16	5	11	334.45	53,923.00	12	933.55	1,821.08	2	83.51	55,246.14
Total Quartermaster.....	31	9	22	758.03	118,762.00	24	2,002.16	2,656.68	9	337.07	122,242.91
Other War—											
Aircraft Service.....	4	3	1	65.00	8,765.00	4	400.00	57.78	3	1,583.90	10,806.68
Motor Transport Corps.....	2	1	1	25.00	293.00	1	100.00	13.33	1	56.75	463.08
Mississippi-Warrior River Service.....	2		2	68.60	14,318.00	2	158.00				14,476.00
Total other War.....	8	4	4	158.60	23,376.00	7	658.00	71.11	4	1,640.65	25,745.76
Total War Department.....	114	30	84	3,129.50	463,896.00	86	7,869.41	4,980.86	31	3,023.72	478,022.99
Miscellaneous:											
National Home for Disabled Volunteer Soldiers.....	1		1	45.00	7,927.00	1	100.00				8,027.00
United States Shipping Board ¹	50	5	45	1,366.09	152,090.00	14	1,333.60	1,250.01	8	610.94	153,034.55
District government.....	2		2	70.00	9,428.00	2	200.00	57.78			9,685.78
All other.....	3		3	95.00	12,768.00	3	300.00		2	267.35	13,335.35
Total miscellaneous.....	56	5	51	1,576.09	182,213.00	20	1,933.60	1,307.79	10	878.29	184,082.68
Grand total.....	310	60	250	9,394.21	1,345,610.00	238	22,798.05	24,930.46	110	19,765.12	1,409,106.63

¹ Monthly compensation and estimated valuation for 5 additional dependents on cases listed in previous report are included in totals.

TABLE 15.—SUMMARY OF AWARDS ON ACCOUNT OF DEATH, BY RELATIONSHIP OF DEPENDENTS, CALENDAR YEAR 1921.

Dependents.	Number of dependents.	Average age.	Monthly compensation.	Average monthly compensation.	Estimated valuation.	Average value of awards.
Widows.....	162	38	\$5, 448. 70	\$33. 63	\$1, 024, 850. 00	\$6, 326. 00
Children—						
Sons, under 18 years of age....	131	9	1, 134. 99	8. 66	104, 635. 00	798. 74
Daughters, under 18 years of age.....	132	9	1, 120. 57	8. 49	96, 463. 00	730. 78
Dependents over 18 years of age and incapable of self-support.....	10	39	165. 00	16. 50	12, 715. 00	1, 272. 00
Grandchildren.....	3	10	26. 00	8. 67	2, 360. 00	787. 00
Brother.....	1	6	7. 50	7. 50	597. 00	597. 00
Sisters ¹	4	15	20. 00	5. 00	20. 00	5. 00
Fathers.....	33	58	464. 84	14. 09	31, 861. 00	965. 00
Mothers.....	60	56	996. 61	16. 61	71, 605. 00	1, 193. 42
Grandmother.....	1	77	10. 00	10. 00	504. 00	504. 00
Total.....	537		9, 394. 21		1, 345, 610. 00	

¹ Three sisters do not receive pensions because the maximum is absorbed by other dependents.

TABLE 16.—WIDOWS TO WHOM COMPENSATION WAS AWARDED, SEPTEMBER 7, 1916, TO DECEMBER 31, 1921.

Age.	Number of cases.						Total for 5½-year period.	Number with children.	Number without children.
	1916	1917	1918	1919	1920	1921			
17.....					1		1		1
18.....			2			4	6	2	4
19.....		2	3		4	2	11	7	4
20.....		2	6	2	1	1	12	8	4
21.....	1		4	1	3	5	14	9	5
22.....		6	7	3	2	4	22	11	11
23.....		1	3	4	4	5	17	12	5
24.....	1	3	6	7	8	2	27	17	10
25.....		5	6	5	5	2	24	21	3
26.....	2	3	7	9	2	2	28	21	7
27.....		2	4	8	5	4	23	18	5
28.....		7	4	2	3	3	23	23	
29.....		5	4	6	9	11	36	32	4
30.....	2	1	12	4	5	3	27	22	5
31.....		2	5	6	2	4	19	14	5
32.....	3	1	7	4	4	8	27	25	2
33.....	2	2	10	2	6	4	26	20	6
34.....	2	4	19	8	4	2	39	31	8
35.....	2	8	3	4	11	6	34	19	15
36.....	2	2	2	5	4	5	20	12	8
37.....	1	1	7	5	6	5	25	15	10
38.....		9	10	3	5	5	32	28	4
39.....		2	7	3	4	4	20	14	6
40.....		3	5	1	4	4	17	11	6
41.....	1	4	4	1	3	5	18	13	5
42.....	1	1	6	3	4	2	17	14	3
43.....		1	5	6	4	6	22	17	5
44.....	2	3	6	3	8	3	25	12	13
45.....		1	1	3	6	2	13	11	2
46.....	1	5	4	1	2	1	14	9	5
47.....		3	7	1	9	3	23	15	8
48.....			4	3	4		13	7	6
49.....	1	5	1	2		6	15	10	5
50.....	1	2	6	1	5	4	19	13	6
51.....	2	3	4	3			17	9	8
52.....		1	5		2		8	4	4
53.....	3	3	5	3	2	3	16	9	7
54.....		2	3	3	6	3	17	6	11
55.....	4	6	2	2	3		15	9	6
56.....		1	2	2	3	3	11	4	7
57.....	2	1	1	1	3	4	12	2	10
58.....		2	1	1	3	2	9	3	6
59.....			2	2	4	1	9	1	8
60.....		2	3	1	1	1	8	1	7
61.....	1	1		4	3	2	11	1	10
62.....			2			1	3	1	2
63.....	1	2	1	2	2	1	9	1	8
64.....			1			3	4		4
65.....		1	2		2	1	6	1	5

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TABLE 16.—WIDOWS TO WHOM COMPENSATION WAS AWARDED, SEPTEMBER 7, 1916, TO DECEMBER 31, 1921—Continued.

Age.	Number of cases.						Total for 54-year period.	Number with children.	Number without children.
	1916	1917	1918	1919	1920	1921			
66.....			2		1		3		3
67.....		2	1	1	1	2	7		7
68.....	1	1	1				3		3
69.....		1					1		1
70.....									
71.....						1	1		1
72.....			1				1		1
73.....		1					1		1
74.....					1		1		1
75.....	1						1		1
76.....									
77.....					1	1	2		2
78.....	1						1		1
79.....			1				1		1
Total..	35	124	235	141	190	162	887	565	322

TABLE 17.—CESSATION OF DEPENDENCY OF WIDOWS, SEPTEMBER 7, 1916, TO SEPTEMBER 6, 1922, INCLUSIVE.

Year beginning widowhood, and age.	Number of widows.	With children.	Without children.	Remarriage.	Death.	Duration of dependency.
1916.						
26.....	1		1	1		2 years 10 months 4 days.
29.....	1	1		1		7 months.
30.....	2	1	1	1	1	1 year 8 months 15 days.
32.....	1		1	1		2 years 1 month 10 days.
35.....	1		1	1		3 years 8 months 14 days.
36.....	1		1	1		4 years 9 months 7 days.
44.....	1		1	1		2 years 5 months 24 days.
63.....	1		1		1	8 months 1 day.
						2 years 6 days.
1917.						
19.....	1		1	1		2 years 7 months 1 day.
20.....	1	1		1		9 months 3 days.
22.....	3	1	2	3		1 year 5 months 18 days.
						1 year 6 months 26 days.
						2 years 6 months 20 days.
25.....	4	3	1	4		1 year 2 months 13 days.
						2 years 7 months 25 days.
						4 years 6 months 2 days.
26.....	1	1		1		4 years 6 months 19 days.
28.....	1	1		1		3 years 5 months 24 days.
						1 year 10 months 21 days.
29.....	4	2	2	4		5 months 29 days.
						2 years 2 months 5 days.
						2 years 7 months 6 days.
						2 years 8 months 18 days.
30.....	1	1			1	2 years 7 months 20 days.
						1 year 7 months 27 days.
35.....	4	2	2	4		1 year 11 months 3 days.
						1 year 11 months 17 days.
36.....	2	1	1		2	4 years 11 months 6 days.
						3 years 6 months 12 days.
38.....	1	1		1		13 years 10 months.
40.....	1	1			1	2 years 8 months, 21 days.
43.....	1	1			1	4 years 1 month 3 days.
47.....	1		1	1		2 years 10 months 21 days.
51.....	1		1		1	4 years 7 months 19 days.
53.....	1		1		1	4 years 3 months 19 days.
57.....	1		1		1	5 months 23 days.
						2 years 11 months 25 days.
1918.						
19.....	4	2	2	4		1 year 6 months 10 days.
						1 year 8 months 11 days.
20.....	2	2		2		3 years 1 month 7 days.
						3 years 2 months 4 days.
						2 years 2 months 14 days.
21.....	2	2		2		2 years 6 months 20 days.
						2 years 8 months.
						4 years 13 days.

TABLE 17.—CESSATION OF DEPENDENCY OF WIDOWS, SEPTEMBER 7, 1916, TO SEPTEMBER 6, 1922, INCLUSIVE—Continued.

Year beginning widowhood, and age.	Number of widows.	With children.	Without children.	Remarriage.	Death.	Duration of dependency.
1918.						
22.....	1	1	.....	1	.....	2 years 4 months 12 days.
24.....	3	2	1	3	.....	1 year 2 months 23 days. 1 year 11 months 25 days. 2 years 9 months 4 days.
25.....	4	3	1	4	.....	1 year 2 months 22 days. 2 years 6 months 2 days. 2 years 11 months 22 days. 3 years 3 months 9 days.
26.....	1	.....	1	1	.....	2 years 8 months 6 days.
27.....	2	1	1	2	.....	1 year 1 month 15 days. 4 years 4 months 8 days. 11 months 19 days.
28.....	3	3	.....	3	.....	2 years 6 months 8 days. 3 years 10 months 4 days.
29.....	1	1	.....	1	.....	3 years 2 months 4 days.
30.....	2	1	1	2	.....	1 year 9 months 29 days. 2 years 5 months 20 days.
31.....	3	2	1	3	.....	1 year 9 months 6 days. 2 years 2 months 24 days. 2 years 6 months 29 days.
33.....	1	1	.....	1	.....	1 year 7 months 12 days.
34.....	2	1	1	2	.....	2 years 1 month 9 days. 3 years 24 days.
35.....	2	1	1	2	.....	1 year 8 months 28 days. 3 years 9 months 18 days.
37.....	1	1	.....	1	.....	1 year 1 month 1 day.
38.....	2	1	1	1	1	4 months 22 days. 3 years 5 months 8 days.
39.....	1	1	.....	1	.....	1 year 1 month 19 days.
41.....	1	1	.....	1	.....	1 year 4 months 4 days.
43.....	1	.....	1	.....	1	3 years 6 months 24 days.
44.....	1	.....	1	1	.....	1 year 8 months 6 days.
46.....	1	1	.....	1	.....	1 year 10 months 10 days.
47.....	2	1	1	.....	2	1 year 3 months 15 days. 3 years 5 months 29 days.
50.....	1	1	.....	.....	1	4 months 10 days.
51.....	1	1	.....	.....	1	1 year 8 months 12 days.
53.....	1	1	.....	.....	1	2 months 18 days.
54.....	1	.....	1	.....	1	1 year 9 months 10 days.
72.....	1	.....	1	.....	1	2 years 7 months 27 days.
73.....	1	.....	1	.....	1	2 years 5 months 16 days.
1919.						
17.....	1	.....	1	1	.....	1 year 1 month 2 days.
19.....	1	.....	1	1	.....	1 year 7 days.
23.....	1	1	.....	1	.....	2 years 4 months 2 days.
24.....	2	2	.....	2	.....	1 year 7 months 17 days. 2 years 1 month 18 days.
25.....	2	2	.....	2	.....	6 months 23 days. 1 year 9 months 20 days. 5 months 3 days.
26.....	4	3	1	2	2	11 months 8 days. 2 years 2 months. 2 years 11 months 25 days. 1 year 1 month 9 days.
27.....	2	2	.....	2	.....	2 years 28 days.
28.....	1	1	.....	1	.....	1 year 5 months 22 days.
30.....	1	1	.....	1	.....	1 year 4 months 26 days.
31.....	1	1	.....	1	.....	5 months 11 days.
33.....	1	1	.....	1	.....	1 year 5 months 19 days.
34.....	1	.....	1	1	.....	10 months 12 days.
35.....	1	.....	1	.....	1	1 year 7 days.
37.....	1	.....	1	1	.....	1 year 1 month 24 days.
38.....	1	1	.....	1	.....	11 months 23 days.
41.....	1	.....	1	1	.....	1 year 9 months 22 days.
43.....	1	.....	1	1	.....	2 years 5 months 15 days.
44.....	1	.....	1	.....	1	3 years 14 days.
45.....	1	1	.....	.....	1	2 years 3 months 20 days.
50.....	1	1	.....	.....	1	1 year 6 months 23 days.
54.....	1	1	1	1 year 2 months 5 days.
59.....	1	1	1	1 year 11 months 13 days.
62.....	1	1	1	1 year 6 months 9 days.

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TABLE 17.—CESSATION OF DEPENDENCY OF WIDOWS, SEPTEMBER 7, 1916, TO SEPTEMBER 6, 1922, INCLUSIVE—Continued.

Year beginning widowhood, and age.	Number of widows.	With children.	Without children.	Remarriage.	Death.	Duration of dependency.
1920.						
18.....	1		1	1		9 months 25 days.
19.....	2	2		2		1 year 5 months 18 days.
20.....	1	1		1		1 year 6 months 10 days.
22.....	1		1	1		1 year 8 months 7 days.
25.....	1	1		1		2 years 1 month 28 days.
29.....	1	1		1		7 months 12 days.
34.....	1	1		1		1 year 13 days.
35.....	2	2		2		1 year 4 months 6 days.
37.....	1	1		1		8 months 19 days.
38.....	1		1		1	2 years 2 months 22 days.
40.....	1		1		1	4 months 9 days.
41.....	1	1		1		1 year 5 months 4 days.
						1 year 8 months 15 days.
						1 year 2 months 17 days.
1921.						
21.....	1		1	1		1 year 1 month 18 days.
23.....	1		1		1	1 year 2 months 12 days.
36.....	1		1	1		1 year 26 days.
39.....	1	1		1		6 months 16 days.
67.....	1		1		1	3 months 29 days.
Total.....	135	79	56	102	33	3,314 months.

TABLE 18.—DURATION OF WIDOWHOOD IN CASES OF REMARRIAGE.

Time elapsed from date of death of husband to remarriage of widow.	Number remarriages.	Per cent of all remarriages.
All remarriages.....	102	100.00
3 months and under 6 months.....	4	3.92
6 months and under 9 months.....	6	5.88
9 months and under 12 months.....	5	4.90
12 months and under 18 months.....	21	20.59
18 months and under 24 months.....	20	19.61
24 months and under 30 months.....	13	12.75
30 months and under 36 months.....	16	15.69
36 months and under 42 months.....	7	6.86
42 months and under 48 months.....	3	2.94
48 months and over.....	7	6.86

NOTE.—The average duration of widowhood of remarried widows in the above table was 25 months.

TABLE 19.—REMARRIAGE RATES BY AGES OF WIDOWS FOR 6-YEAR PERIOD, SEPTEMBER 7, 1916, TO SEPTEMBER 6, 1922, INCLUSIVE.

Age periods.	Number of widows.	Number remarried.	Years exposed or number of widows exposed for 1 year.	Remarriage rate per 100 widows for 1 year.
All ages.....	887	102	2,744	3.72
Under 21.....	30	14	78	17.95
21 and under 26.....	104	26	291	8.93
26 and under 31.....	137	24	408	5.88
31 and under 36.....	145	19	464	4.10
36 and under 41.....	114	11	353	3.12
41 and under 46.....	95	6	292	2.05
46 and under 51.....	84	2	277	.72
51 and under 56.....	73		245	
56 and under 61.....	49		148	
61 and over.....	56		188	
Average age.....	38.89	29		

NOTE.—The average exposure per widow in the above report was 37 months.

The above remarriage rate, 3.72, is considerably lower than the experience in the State of Pennsylvania in all industries, as shown by the Pennsylvania report for three years ending December 31, 1919, which shows the remarriage rate to be 4.16 per 100 widows.

It will be noted that the average age of the widows included in this report is 38.89, while the average age of the widows in Pennsylvania for all industries was 38. The average age of those remarried under the Federal act is 29, which is identical with that of Pennsylvania.

In addition to the 102 remarriages, there were 33 deaths. The years exposed in cases of death of widows was 67, or an average of 2 years per widow.

By combining the experience of remarriage with that of death, we have the combined cessation rate of 4.92 per 100 widows.

No estimate is made of the saving from death and remarriage, but in death cases there were 14 cases where widows left children, and in remarriage cases there were 65 with children, making a total of 79 cases where the awards to children might possibly be increased according to the provisions of section 10 of the compensation act.

There were 1,343 children under 18 years of age, 18 of whom died, 1 returned to the father after the death of the mother, 15 married, and 167 became 18 years of age.

Thus far there have been 24 dependents over 18 years of age and incapable of self-support, of whom 6 became capable of self-support, 2 died, and 2 were married.

Thus far there has been a total of 315 mothers on the dependency list. One was awarded compensation for 1 year only, 3 married, 19 died, and compensation was discontinued on 1 case upon further finding of facts.

Dependency awards were made to 154 fathers, 2 awards being made for 1 year only, 2 ceased to be dependent, 3 married, and 15 died.

There have been dependency awards to 7 grandmothers, 1 of whom has died.

Thus far the reports show that there have been 70 brothers and sisters awarded compensation (some of which are included in the 24 over 18 and incapable of self-support). Out of this number, 3 were married, 3 ceased to be dependent, 1 died, and 14 reached the age of 18.

Out of the 10 grandchildren thus far awarded compensation there are 3 who became 18 years of age.

In many instances the cessation of dependency of a single beneficiary does not in any way affect the amount of the compensation payable on account of a death, because there still remain enough dependents in the family to absorb the maximum award.

Quite a number of the foreign cases have been closed out by lump-sum settlements, also a few others where the compensation award was small or where it was deemed to the best interests of the beneficiaries.

TABLE 20.—SUMMARY OF AWARDS, AND VALUATIONS, JANUARY 1, TO DECEMBER 31, 1921.

	Num- ber of cases.	Days' duration, including leave.	Days' leave.	Aver- age days' dura- tion.	Amount of award.	Average award.	Per cent of total award.
Temporary total disabilities:							
Compensated.....	6,502	241,812	17,522	37	\$433,698.55	\$66.70	.....
Noncompensated.....	5,434	42,415	31,998	8			
Total.....	11,936	284,227	49,520	24	433,698.55	36.34	12.33
Permanent partial disabilities:							
Dismemberments.....	1,277	29,471	1,916	106	164,071.84	592.32	.....
Loss of function.....	2,294	88,428	2,740	301	401,775.03	1,366.58	.....
Total.....	571	117,899	4,656	206	565,846.87	990.98	16.09
Permanent total disabilities.....	89				\$ 792,299.00	8,902.00	22.53
Fatals:							
Cases and awards.....	310				\$ 1,365,375.12	4,404.44	.....
Burials.....	238				22,798.05	95.79	39.48
Medical payments.....	47,582				336,216.32	44.34	9.57
Total.....	12,906	402,126	54,176		3,516,233.91	272.45	100.00

¹ Including 47 noncompensated cases, 7 of which were no-time-lost.

² Including 26 noncompensated cases, 1 of which was a no-time-lost case.

³ Estimated value of award.

⁴ Including medical payments on 2,048 no-time-lost, 110 deaths, and 65 permanent total disability cases.

In addition to the 12,906 cases shown in the above report there were 3,936 no-time-lost cases. Medical payments were made on 2,048 of the no-time-lost cases in the amount of \$16,299.27.

The days' duration in permanent partial disabilities include only those which were paid before the cases were closed or before lump-sum settlements were made and does not take into account expectancy.

CAUSES OF INJURIES BY EXTENT OF DISABILITY.

In keeping with the plan of economy on Government reports it has been decided to omit the publication of the itemized table on mechanical and nonmechanical accidents, although the same has been tabulated. There are certain items in this report that are worthy of mention.

The number of mechanical injuries under the Federal act, which is about 13.5 per cent of all injuries, is comparatively small for the reason that there is a large number of clerical positions as compared with the industrial activities under other compensation acts.

Of the 310 fatal accidents, 25, or 8 per cent, were from mechanical causes. About 1.4 per cent of all mechanical accidents were fatal.

Out of 571 permanent partial disabilities, 209, or 36.6 per cent, resulted from mechanical agencies; or, in other words, the 13.5 per cent of all injuries caused 36.6 per cent of all permanent partial disabilities. Out of the 1,738 cases, 462, or 26.6 per cent, of all mechanical accidents were due to "hoisting and conveying apparatus," and out of the 25 deaths from mechanical causes, 18 of them were due to "hoisting and conveying apparatus."

It is of interest to note that in nonmechanical accidents the greater number, as usual, came from "handling of objects," 3,022, 19 of which were fatal, 14 permanent totals, 83 permanent partials, and 2,906 were temporary total disabilities. The next group of importance was "fall of persons," 2,339, of which 27 were deaths, 25 permanent totals, 64 permanent partials, and 2,223 temporary total disabilities.

When we come to consider the fact that approximately 13.5 per cent of all injuries under the Federal act are due to mechanical causes and only a small percentage would be due to lack of safeguarding of the machinery, it would mean that there would probably be a larger field for standards of safety outside of safeguarding of the machinery. This is not intended, however, to minimize the necessity of safeguarding machines, because where accidents occur caution should be used whether there is one accident or one thousand. The purpose of this statement is to set forth the fact that safety standards other than mechanical are very essential for the general welfare of workmen.

So much of this table as relates to injuries caused by poisonous and corrosive substances and diseases due to the conditions of employment is reproduced here.

TABLE 21.—INJURIES CAUSED BY POISONOUS AND CORROSIVE SUBSTANCES AND OCCUPATIONAL DISEASES.

Cause of injury.	All cases.	Deaths.	Per- manent total disabili- ties.	Permanent partial disabilities.		Temporary total disabilities.	
				Num- ber.	Days' dura- tion.	Num- ber.	Days' dura- tion.
Poisonous substances:							
Handling or contact with—							
Arsenic.....	2					2	2
Brass or copper poisoning.....	4					4	22
Carbolineum.....	1					1	51
Cement.....	1					1	32
Coal oil (kerosene and petroleum products, n. o. c.).....	2					2	20
Creosote.....	1					1	3
Diphenylchlorarsin.....	1					1	4
Gasoline.....	1					1	3
Impure water.....	1					1	11
Ivy, oak, etc.....	22					22	324
Lead.....	3	2				1	4
Mustard oil.....	1					1	29
Picric.....	1					1	21
Potash.....	1					1	13
Sulphuric acid.....	1					1	5
T N T.....	7					7	127
Turpentine.....	1					1	3
All other poisonous substances.....	30					30	412
Total.....	81	2				79	1,086

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TABLE 21.—INJURIES CAUSED BY POISONOUS AND CORROSIVE SUBSTANCES AND OCCUPATIONAL DISEASES—Continued.

Cause of injury.	All cases.	Deaths.	Per- manent total disabili- ties.	Permanent par- tial disabilities.		Temporary to- tal disabilities	
				Num- ber.	Days' dura- tion.	Num- ber.	Days dura- tion.
Poisonous substances—Continued.							
From inhaling fumes—							
Alcohol.....	1					1	3
Ammonia.....	3		1			2	13
Carbon monoxide.....	11		1			10	94
Chlorine.....	5					5	28
Coal tar products, n. o. c.....	2					2	15
Cyanogen compounds.....	2	1				1	
Gasoline.....	3					3	114
Lead.....	5					5	325
Nitrohydrochloric.....	2					2	25
Picric.....	2					2	18
Sulphur.....	1					1	10
Sulphuric acid.....	2					2	23
T N T.....	22					22	727
Turpentine.....	2					2	32
Zinc.....	1					1	8
All other poisonous substances.....	14			1		13	239
Total.....	78	1	2	1		74	1,674
From swallowing—							
Impure water.....	1	1					
All other poisonous substances.....	2					2	40
Total.....	3	1				2	40
Corrosive substances:							
From handling or contact with—							
Alcohol.....	1					1	2
Ammonia.....	1					1	4
Benzol.....	1					1	19
Calcium.....	2					2	30
Carbolic acid.....	4					4	24
Cement.....	12					12	109
Chlorine.....	3					3	21
Coal oil.....	1					1	5
Coal-tar products, n. o. c.....	1					1	1
Cresosote.....	4		1			3	18
Cresole.....	2					2	14
Cyanides.....	1					1	17
Gasoline.....	4					4	90
Lye.....	7					7	134
Mustard oil.....	7					7	126
Nitric acid.....	5					5	58
Nitrohydrochloric acid.....	3					3	42
Phosphoric acid.....	2	1				1	28
Soda.....	6					6	107
Sulphur.....	1					1	13
Sulphuric acid.....	16			1	97	15	194
All other corrosive substances.....	25			1	137	24	497
Total.....	109	1	1	2	234	105	1,553
From inhaling fumes—							
All other.....	2					2	128
Occupational diseases:							
Bronchitis.....	1					1	12
Diphtheria.....	2					2	278
Malaria.....	17					17	118
Pneumonia.....	3	1				2	
Typhoid.....	2	2					
Tuberculosis.....	11	3	3			5	364
All other.....	11	3		1	433	7	625
Total.....	47	9	3	1	433	34	1,397
Total, poisonous and corrosive substances and occupational dis- eases.....	320	14	6	4	667	296	5,878

¹ This case shows no duration. The injured employee filed no claim for compensation, therefore record of disability is not given.

The above data are quoted here because of the lack of available material relating to this subject from American sources. To those seeking information in regard to nonaccidental injuries and diseases which result from conditions of employment, the matter is one of special interest. Many of the cases tabulated above are injuries, which would not be allowed compensation under accident-compensation laws. Such are the cases which are not the result of a sudden unforeseen event, but have developed gradually from some poisonous or injurious material or definitely injurious condition of work. Lead poisoning is the typical example of an occupational poisoning or disease of gradual development. Cases of dermatitis, due to the handling of irritating materials, are also typical examples of the nonaccidental injuries. Ivy poisoning is a typical example of an accidental injury of a sudden unexpected character, with the result, however, quite similar to some cases of dermatitis. It should be pointed out that cases of disease which follow as the result of an accidental injury are not included in the above-quoted data. Such cases are generally allowable under accident-compensation laws on the ground that compensation is payable for whatever disability is due to the accident.

Respectfully,

BESSIE P. BRUEGGEMAN, *Chairman,*
JNO. J. KEEGAN,
CHAS. H. VERRILL,
Commissioners.



